



SOUTH EAST ASIAN EDUCATION TRUST[®]
S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by All India Council for Technical Education (AICTE), New Delhi
Affiliated to Visvesvaraya Technological University (VTU), Belgaum, Recognised by Government of Karnataka)

DEPARTMENT OF MBA

REPORT ON ADD ON COURSE ON BUSINESS ANALYTICS
Organized by the department of MBA

Introduction to the Program

In the dynamic landscape of modern business, the convergence of technology and management principles has become imperative for success. Recognizing this, the Indian Institutes of Management (IIMs), renowned for their excellence in business education, have embraced the digital era with innovative computer programs tailored for aspiring business leaders. This cutting-edge IIM computer program stands at the intersection of business acumen and technological prowess. Designed to equip participants with a comprehensive skill set, it delves into diverse facets of information technology, data analytics, and strategic decision-making. Participants engage in a transformative learning journey that not only navigates the intricacies of the digital realm but also fosters a deep understanding of its impact on contemporary business practices.

As the business landscape continues to evolve, proficiency in leveraging technology becomes a crucial differentiator. The IIM computer program is curated to meet this demand, integrating real-world case studies, hands-on projects, and industry-relevant curriculum to ensure graduates are well-prepared to navigate the complexities of the digital business ecosystem. Whether one is a seasoned professional looking to upskill or a recent graduate aspiring to make an impact, the IIM computer program provides a gateway to a future where technological fluency and managerial excellence seamlessly converge. Join the ranks of visionary leaders who are not just adapting to change but driving it, with the IIM computer program as your catalyst for success in the digital age.

ABOUT RESOURCE PERSON

Mr. Ajib sir is well experienced person in providing the service and consulting, he also give good inputs regarding the business analytics and thought about tools and techniques how to make use of these technicalities. He worked in IT sector as good experience in that and he is a professional consultant in make intern.

Signature
PRINCIPAL
S.E.A College of Engineering & Technology
Ekta Nagar, Basavanapura,
Vijaya Nagar Post, Bangalore - 560049.



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DEPARTMENT OF MBA



duration
30 hours

Add on Course on Business analytics

In association with Makeintern & E-Cell IIM Calcutta & IQAC SEACET

S.E.A College of Engineering and Technology-
[SEACET], Bangalore







Details

Topic: Effective Business Plan
11-06-2023 to 15-06-2023

Date: 15-06-2023

Charges: ₹500 + 18% GST

Sub Coordinators:
Dr. Parv Kumar: 0771577544
Prof. S. Day: 07703024449

Benefits:

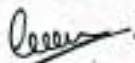
- ★ Get industry-recognized certificate - Makeintern & E-Cell IIM Calcutta - Learn & Upgrade Certification.
- ★ Internship assistance for participants.
- ★ Theory & practical hands on session.

Faculty Coordinator:

Dr. S.B Anil Kumar +91 9701737404

Objectives

The Program is to empower participants with a multidimensional skill set that seamlessly integrates management principles with cutting-edge technology. The 30 hours add on course aims at cultivate a cohort of professionals capable of navigating the complexities of the digital business landscape, emphasizing comprehensive skill development in areas such as data analytics, information technology, and strategic decision-making. By combining a rigorous curriculum with real-world applications and industry relevance, the program seeks to equip participants with the practical proficiency needed to excel in diverse professional roles. The overarching goal is to produce leaders who not only understand the dynamic interplay between technology and business but are also poised to drive innovation, make informed data-driven decisions, and contribute effectively to the global business ecosystem. Through networking opportunities, global perspectives, and a commitment to a continuous learning culture, the IIM Computer Program aspires to be a catalyst for career advancement, preparing participants for leadership roles in the ever-evolving digital era.



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S.E.A College of Engineering & Technology
Eltha Nagar, Basavanapura,
Vijaya Nagar Post, Bangalore - 560048.

Ekta Nagar, Near Ayyappanagar Circle, Devasandra Main Road, Vijayanagar Post, K.R.Puram, Bangalore-560049, INDIA.
Phone: 080-29730681, 7353945999

e-mail: seacetadmin@gmail.com website: seacet-bangalore.org.in



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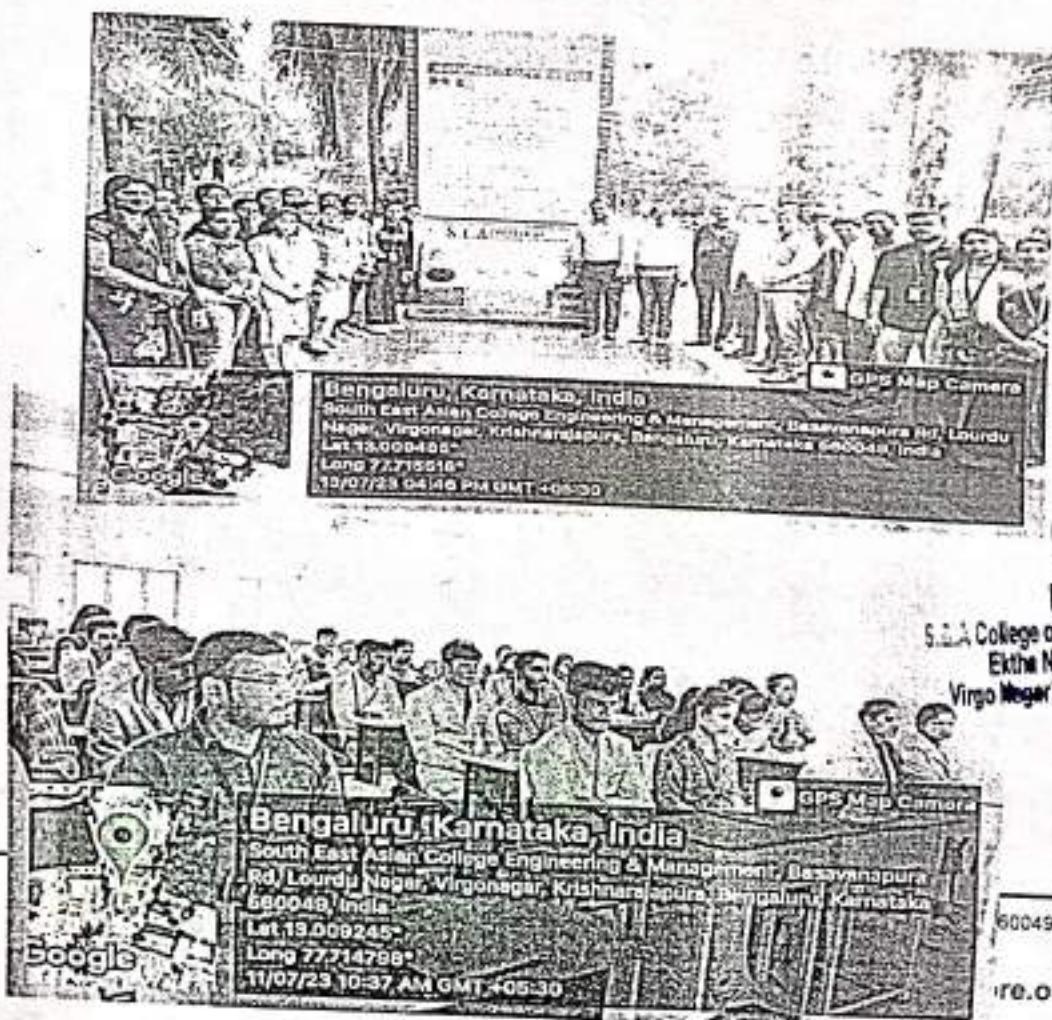
DEPARTMENT OF MBA

Topics covered

- Day 1 – Introduction About Data, Data Analytics, Data Analytics Tools& Function.
- Day2 – Tableau Introduction, How to Install, Downloading Excel Data Sample Form Internet, Tableau Begging Level Project Class & Practical Learning.
- Day 3- Tableau Intermediate Level Project Explanation & Practical Learning.
- Day 4 – Presentation About Marketing Strategy, Higher Level Project Explanation & Practical Learning
- Day 5- Excel practical classes, shortcuts, sums formula.

Outcomes:

- Gained good knowledge about what is data and data analytics, what are the tools used in analytics
- Practical understanding on how to use Tableau for analysis.
- Practical understanding of Excel



Chethan

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S.E.A. College of Engineering & Technology,
Ekthe Nagar, Basavanapura,
Virgo Nagar Post, Bangalore - 560048.

60049, INDIA.

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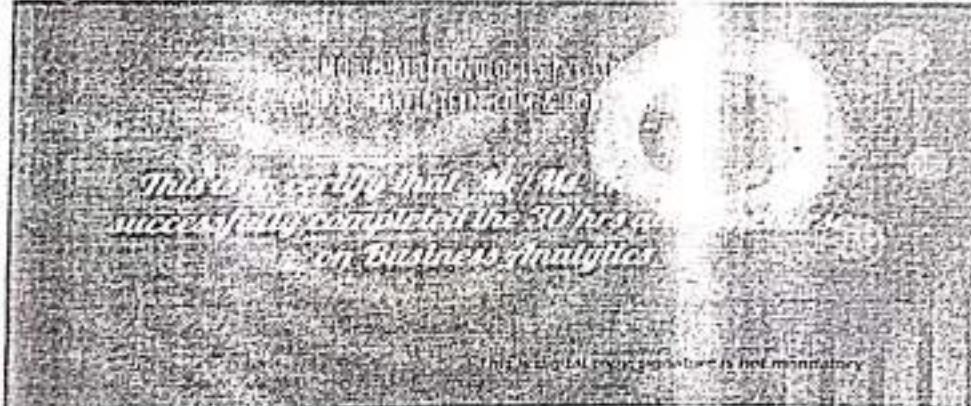
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DEPARTMENT OF MBA



Sample Certificate



Dear Sirs

PRINCIPAL
S.E.A College of Engineering & Technology
Ektha Nagar, Basavanapura,
Virgo Nagar Post, Bangalore - 560041



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DEPARTMENT OF MBA

Students Attendance:

S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BANGALORE		DEPARTMENT OF MBA	12-12-2012
ATTENDANCE SHEET ON BUSINESS ANALYTICS - STUDENT ATTENDANCE		SIGNATURE	
SL. NO.	STUDENT NAME		
1.	Anushka		
2.	Pranali Srivastava		
3.	Pranali Srivastava		
4.	Pranali Srivastava		
5.	Pranali Srivastava		
6.	Pranali Srivastava		
7.	Pranali Srivastava		
8.	Pranali Srivastava		
9.	Pranali Srivastava		
10.	Pranali Srivastava		
11.	Pranali Srivastava		
12.	Pranali Srivastava		
13.	Pranali Srivastava		
14.	Pranali Srivastava		
15.	Pranali Srivastava		
16.	Pranali Srivastava		
17.	Pranali Srivastava		
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20.	Pranali Srivastava		
21.	Pranali Srivastava		
22.	Pranali Srivastava		
23.	Pranali Srivastava		
24.	Pranali Srivastava		
25.	Pranali Srivastava		
26.	Pranali Srivastava		
27.	Pranali Srivastava		


PRINCIPAL
S.E.A. College of Engineering & Technology
Ekta Nagar, Basavanapura,
Virgo Nagar Post, Bangalore - 560049.


Head of the Department of Management Studies
S.E.A. College of Engineering & Technology
Ekta Nagar, Basavanapura, Virgo Nagar Post,
Bangalore - 560 049



S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

Certificate

Drone Model Building & Embedded IOT Application Development

This is to certify that.....K.E.M.N.....GEORG.....E.....has.....

participated in the training on "Drone Model Building & Embedded IOT Application Development" from 11th December 2023 to 15th December 2023 at S.E.A College

of Engineering & Technology, Bengaluru

Pragmatic Embd Solutions
(Technical Head)

Dr. Pradeep Kumar N.S
(ECE, HOD)

Dr. B Venkata Narayana
(Principal)

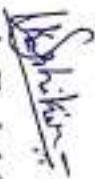


S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

Certificate

Drone Model Building & Embedded IOT Application Development

This is to certify that.....**SINDHU K T**.....has participated in the training on "Drone Model Building & Embedded IOT Application Development" From 11th December 2023 to 15th December 2023 at SEA College of Engineering & Technology, Bengaluru.


Pragmatic Embedded Solutions
(Technical Head)


Dr. Pradeep Kumar N.S
(ECE, HOD)


Dr. B Venkata Narayana
(Principal)



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Department of Electronics and Communication Engineering

Report on the 5 Days Workshop on Drone Model Building and Embedded IOT Application Development

A 5 Days Workshop on “Drone Model Building and Embedded IOT Application Development” was organized by Department of Electronics and Communication Engineering, S.E.A College of Engineering and Technology, Bangalore from 11th-15th December, 2023 in association with Pragmatic Embd Solutions. The timings for Morning Session was 09.00 am to 12.45 pm and afternoon Session was 1.30 to 4.00 pm. The workshop was arranged for final year, third year and second year ECE students. Nearly 69 students participated in the workshop. Inauguration for the workshop was held on CSE seminar hall on 8th November, 2022 at 10:00am. The function was presided by Dr.Bhagavant K Deshpande, Director, SEACET and Dr.B.Venkatanarayana, Principal, SEACET and introduction of resource person was given by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET.

The resource person from Pragmatic Embd Solutions is Shashi Kiran, Director of company. MOU was signed between Pragmatic Embd Solutions and S.E.A College of Engineering and Technology for three years.

About

Workshop:

S.E.A College of Engineering and Technology
Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi and Accredited B++ by NAAC
Elita Nagar, New Ayyappa Nagar Circle, Devasandra Main Road, K.R.Pet, Bangalore-49

Department of Electronics and Communication Engineering

Organizes

Five Days Workshop on
“Drone Model Building and Embedded IOT Application Development”

In Association with IQAC, IIC and PRAGMATIC EMBD SOLUTIONS

From 11th to 15th December 2023

The advertisement features the college's logo, a portrait of Dr. Bhagavant K Deshpande, and a small emblem for NAAC accreditation. It also includes a small image of a drone and a diagram illustrating the workshop's focus on drone model building and IOT application development.

Objective of the Workshop:

The broad objective of this Workshop aimed at giving your students a practical exposure on the diversified hardware and software used in Embedded Systems. The program covers hands-on Training on Arduino Boards.

Resource Person of the Workshop:

Resource Persons for the Workshop is Mr.Sashi Kiran from Pragmatic Embd Solutions.

First day 11.12.23

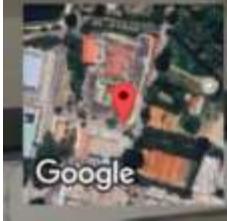
The First day 11.12.23 workshop Inaugural function was held on AC seminar hall at 10:00am. Later the workshop started by 11:00 am. In the first day the resource person gave introduction about embedded systems. Learnt about Features of ESP32 IOT Board. Along with the operations of relay, buzzer, LED and regulator.

Screen Shots for First day 11.12.23





GPS Map Camera



Bengaluru, Karnataka, India

South East Asian College Engineering & Management, Basavanapura Rd, Lourdu Nagar, Virgonagar, Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.008787°

Long 77.715035°

11/12/23 10:05 AM GMT +05:30

Google



Second day 12.12.22

The Second day 12.12.23 Forenoon and Afternoon sessions resource person delivered lecture on how to do operate DC motor drive, operation of relay and operation based on relay light. Learnt features of battery operator.

Screen Shots for Second day 12.12.23

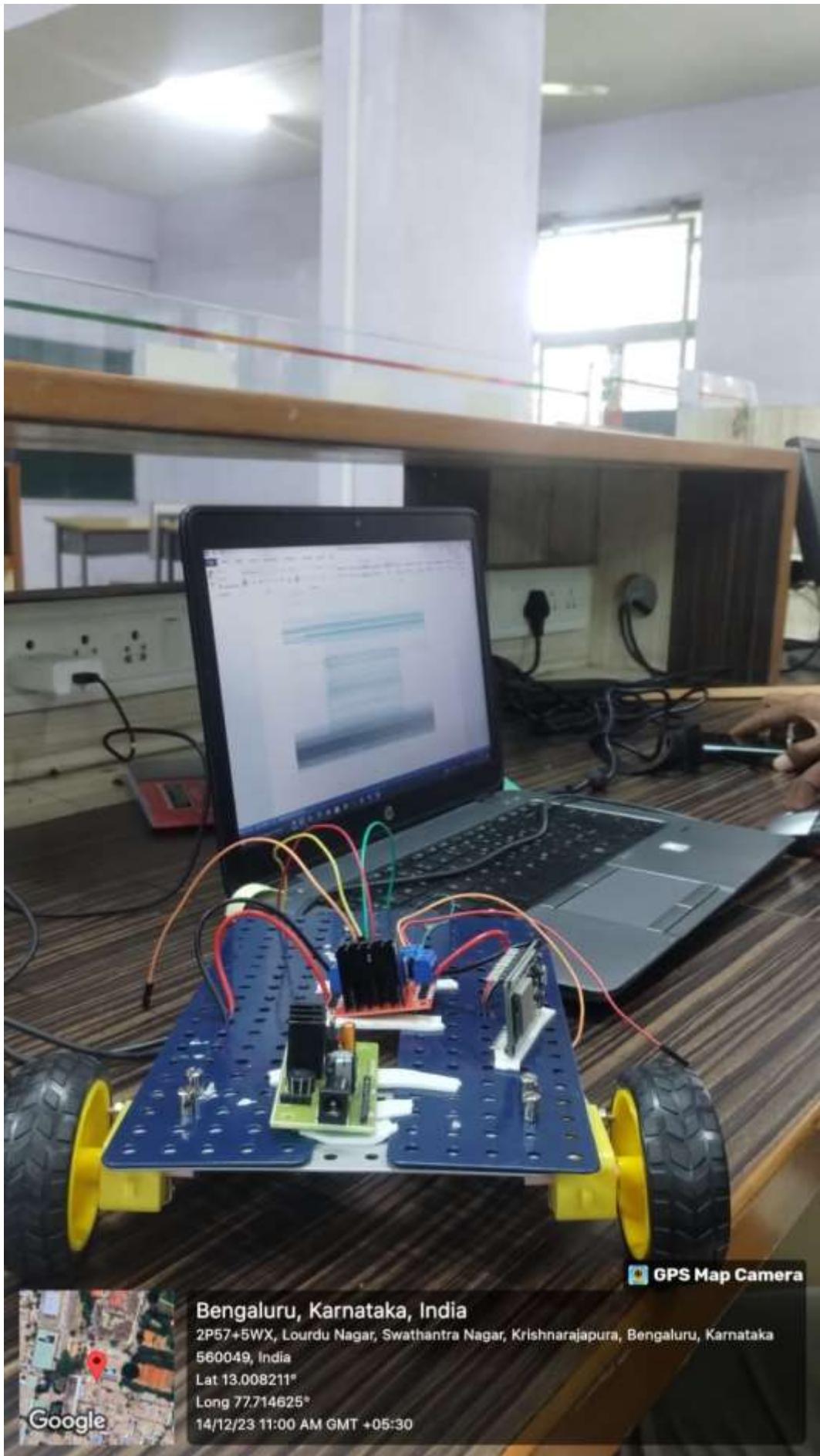


Third day 13.12.23

The Third day 13.12.23 Forenoon and Afternoon sessions resource person delivered lecture on sensor activity. They learnt about surface mount devices, place through holes, IR sensor, LCD test, accelerometer test.

Screen Shots for Third day 13.12.23





Bengaluru, Karnataka, India

2P57+5WX, Lourdu Nagar, Swathantra Nagar, Krishnarajapura, Bengaluru, Karnataka

560049, India

Lat 13.008211°

Long 77.714625°

14/12/23 11:00 AM GMT +05:30

Fourth day 14.12.23

The Fourth day 14.12.23 Forenoon and Afternoon sessions resource person delivered lecture on Robotic Assembly, robotic control using Bluetooth and Bluetooth controlled robot.

Screen Shots for Fourth day 14.12.23



Fifth day 15.12.23

The Fifth day 15.12.23 Forenoon and Afternoon sessions resource person gave hands on practice on how to control accelerometer, Drone Flying and Industrial Data Logger. MOU was signed between pragmatic embd solutions and SEA College of Engineering and Technology for three years.

Screen Shots for Fifth day 15.12.23



The Workshop was concluded at 03.00pm. The workshop ended with the vote of thanks by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET. Lunch was provided at last day and Hi-tea to faculties and students of ECE department for all the 5 days. Feedback forms were collected from students at the last day. The workshop was highly informative to students. Thus workshop provided valuable awareness and insights on the various aspects of Embedded Systems

Outcome from the Workshop:

- Drone Model Construction Proficiency
- Embedded IoT Application Development Skills
- Autonomous Flight Capabilities
- IoT Application Development for Drone Data

Students Name list – Workshop:

Sl.No.	Student Name
1	AISHWARYA H R
2	BHARADWAZ R
3	JAGATI SAI TEJA
4	JALANI K S
5	KANNIKA P N
6	KARTHIK V H
7	KEVIN GEORGE D
8	NIKHIL K
9	RANJITHA M
10	S YUVARAJ
11	SAHANA H
12	SHAMME ZEHRA
13	SINDHU K J
14	SINDHU V
15	SKANDA P
16	SONIKA N
17	SPOORTHI J
18	SRIDHAR S MELI
19	SUZAIN KHANUM
20	THIRTAKUMAR H B
21	VAISHNAVI PATIL
22	VENUGOPAL H R
23	VYSHNAVI A R
24	Charithra Rani
25	Gagankumar T N

26	Srikanth D Nayaka
27	Sudeep B S
28	Thugu Aswini
29	Abhi S R
30	Aishwarya.m
31	ANJALI M
32	Bhargav A
33	Chaithra k R
34	Chiranjeevi S
35	DAKSHIRAJU SREENATH
36	Divya k s
37	Emmanuel chaudhary
38	Harsha.G
39	Jhonathan P
40	Manoj Kumar M
41	Moksha S
42	Muskan.A
43	Nandish T. S
44	Neerisha.M
45	Pallavi .K.A
46	Pranowmya Nalam
47	V Punnish
48	Sakshi Mohandas Pai
49	SANGEETHA C
50	Shama K
51	SHREYA RAJENDRA DEVEKAR
52	Sindhuja M.R
53	Sofiya.J
54	Soujanya C S
55	Swapna B V
56	Teja
57	Yashwanth C R
58	C V SUDHEER KUMAR
59	EDURU RAJESH
60	LOKESH P
61	MOHITH GOWDA C B
62	D N PADMANAND
63	PRATIK KUMAR RAI

Students Attendance sheet (scanned):



S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Electronics and Communication Engineering

III SEM Drone Workshop Attendance List from (11.12.23 to 15.12.23)



S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY
 Department of Electronics and Communication Engineering

V SEM Drone Workshop Attendance List

SLNo	Student Name	11.12.2023		12.12.2023		13.12.2023		14.12.2023		15.12.2023	
		PN	AN								
1	AISHWARYA H R	Present	Absent	Present	Present	Present	Present	Present	Present	Present	Present
2	BHARADWAJ R	Present	Present								
3	JAGATI SRI TEJA	Present	Present								
4	JALANI K S	Present	Present								
5	KANNIKA P N	Present	Present								
6	KARTHIK V H	Present	Present								
7	KEVIN GEORGE D	Present	Present								
8	NIKHI L	Present	Present								
9	RANJITHA M	Present	Present								
10	S YUVARAJ	Present	Present								
11	SAHANA H	Present	Present								
12	SHAMIMA ZEHRA	Present	Present								
13	SINDHU K J	Present	Present								
14	SINDHU V										
15	SKANDA P	Present	Present								
16	SONIKA N	Present	Present								
17	SPOORITI J	Present	Present								
18	SRIDHAR S MELI	Present	Present								
19	SUZAIN KHANUM	Present	Present								
20	THIRTIKUMAR H B	Present	Present								
21	VAISHNARVI PATIL	Present	Present								
22	VENUGOPAL H R	Present	Present								
23	VYSHNAVI A R	Present	Present								
24	Charithra Rani	Present	Present								
25	Sepankumar T N	Present	Present								
26	Srikanth D Nayaka	Present	Present								
27	Sudeep B S	Present	Present								
28	Thugu Aswini	Present	Present								

29. Parwan

30. Sujay 31. Sujay 32. Sujay 33. Sujay 34. Sujay 35. Sujay 36. Sujay 37. Sujay 38. Sujay 39. Sujay

Sample Feedback forms from students (scanned):

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Department of Electronics and Communication Engineering

Students Feedback Form

Workshop on "Drone Model Building and Embedded IoT Applications Development" for ECE students in association with IQAC and IIC from 11th to 15th December, 2023

Workshop Name: Drone Model Building & Embedded IoT Applications Development Date: 15-12-23

Name of the Institution: S.E.A college of engineering and technology

Program Date: 11/12/23 to 15/12/23

Name of the Participant: SPOORTHI-T

Department: Electronics and communication engineering

USN NO: 1SP21EC027

Year and Semester: 3rd year (5th sem)

Address: #80, 63rd cross, 2nd main, Nisargao layout, Doddinkundi, Bangalore-37

Phone No: 8088139828 Mobile No: _____ e-mail ID: spoorthi1003@gmail.com

> Write down the benefits got by attending this program?
Learned about Arduino Software and Usage of ESP-32 boards.

> Any Notes or Content Material provided (Y/N): YES

> Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning ?
YES

> Have you found any innovative idea of making learning process from this program? Explain.

In this Drone making

➤ Whether initiatives like this should be organized in the coming future or not? Give reason.

Yes, like this workshop should be done in coming year It's very useful in the coming future

➤ How do you plan to share the gained knowledge/skill with your friends who did not attend the program?

It is very useful topic / project in coming future so, I will explain to my friends who are not attended the workshop

✓ Kindly give rating to the different aspects of Workshop (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Course Content	10	
(b). Resource Persons	10	
(c). Presentations	9	
(d). Interactive Sessions	9	
(e). Reading Material	9	
(f). Basic Facilities	10	
(g). Overall	10	

Sangeetha C.
Signature of the Participant



Students Feedback Form

Workshop on "Drone Model Building and Embedded IoT Applications Development" for ECE students in association with IQAC and IIC from 11th to 15th December, 2023

Workshop Name: Drone Model Building & Embedded IoT Date: 15-12-23

Name of the Institution: S.E.A. College

Program Date: 11-12-23

Name of the Participant: Sangeetha.C.

Department: ECE

USN NO: 12P22E045

Year and Semester: 2nd year 3rd sem

Address: Hostel

Phone No: 9337728366 Mobile No: 8549046427 e-mail ID: SangeethaC264@gmail.com

➤ Write down the benefits got by attending this program?

We learned new things in the project

➤ Any Notes or Content Material provided (Y/N): Yes

➤ Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning?

Yes, It's very usefull in further studies

➤ Have you found any innovative idea of making learning process from this program? Explain.

Yes, we learned new things

YES, I would like to work on more projects like this

➤ Whether initiatives like this should be organized in the coming future or not? Give reason.

YES, THIS WILL DEFINETELY HELP STUDENTS.

➤ How do you plan to share the gained knowledge/skill with your friends who did not attend the program?

I WOULD LIKE TO WORK AND PUBLISH IT ON MEDIA, SO MANY PEOPLE GAIN INTEREST TOWARDS THIS.

✓ Kindly give rating to the different aspects of Workshop (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Course Content	10	—
(b). Resource Persons	10	—
(c). Presentations	10	—
(d). Interactive Sessions	10	—
(e). Reading Material	10	—
(f). Basic Facilities	10	—
(g). Overall	10	—


Signature of the Participant



S.E.ACET/ACADEMIC/E&CE/WS/2022-23/02

03/12/2022

CIRCULAR

The Department of Electronics and Communication Engineering is organizing Five days Workshop on **“Fundamentals of PCB Design and Fabrication”** for students in Association with IQAC, IIC and Indian Tech keys from 13th to 17th December, 2022. The Inauguration for the workshop will be held at AC Seminar Hall, 10.00 AM. I Kindly Request all the HOD and faculty members to encourage your students to attend it to enhance their technical knowledge.

3.03/12/22

HOD

Devi
Principal

HODs of

IOT & BCT
CSE
ISE
ME
CV
AI&ML
MBA

FIRST YEAR DEAN

PHYSICS

CHEMISTRY

MATHEMATICS

LIBRARIAN

PLACEMENT

OS



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 Ecta Nagar, K.R.Puram, Bangalore-49

Department of Electronics and Communication Engineering Organizes



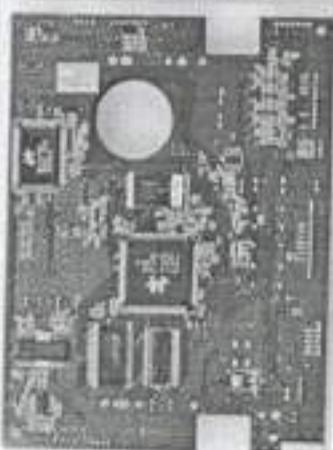
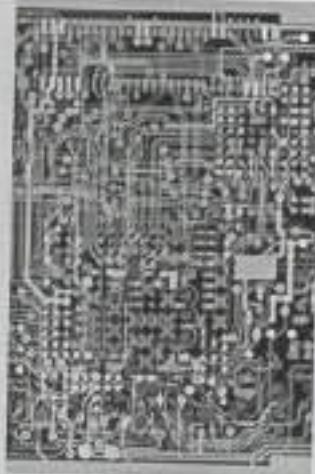
Five days Workshop on “Fundamentals of PCB Design and Fabrication”

PRINCIPAL
 SEA College of Engineering & Technology
 Ecta Nagar, Basavangupura, Virgonagar Post
 BANGALORE - 560 049

In Association with IIC, IQAC and Indian Tech Keys

on 13th – 17th December 2022

Inauguration: AC Seminar Hall





S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ektanagar, Basavanapura, Virgonagar Post, (K.R. Puram) BANGALORE-560049

Department of Electronics and Communication Engineering

INVITATION

The Management, Principal, Faculty and Students of Department of Electronics and Communication Engineering cordially invite you to grace the Inaugural of
Workshop

On

“Fundamentals of PCB Design and Fabrication”

in association with IQAC, IIC and Indian Tech Keys, Bengaluru.

Chief Guest:

Dr.K.Viyyanna Rao

(Director, S.E.A Group of Institutions)

Guest of Honour:

Smt. Manjula Krishnappa

(Chairman, S.E.A Group of Institutions)

Sri. D.T. Srinivasa

(Secretary, S.E.A Group of Institutions)

Smt.K.Poornima Srinivasa

(MLA-Hiriyur Constituency)

CEO, S.E.A Group of Institutions)

Smt.K.Anupama

(Jt.Secretary & Treasurer, S.E.A Group of Institutions)

Date: 13th December 2022

Time: 10.00 AM onwards

Venue: AC Seminar Hall

Dr. Pradeep Kumar N S

HOD, ECE


Dr. B. Venkata Narayana
SEA College of Engineering & Technology
Ekta Nagar, **Principal**, Virgonagar Post
BANGALORE - 560-049



Department of Electronics and Communication Engineering

Report on the 5 Days Workshop on Fundamentals of PCB
Design and Fabrication

A 5 Days Workshop on "Fundamentals of PCB Design and Fabrication" was organized by Department of Electronics and Communication Engineering, S.E.A College of Engineering and Technology, Bangalore from 13th-17th December, 2022 in association with Indian Tech Keys. The timings for Morning Session was 09.00 am to 12.45 pm and afternoon Session was 1.30 to 4.00 pm. The workshop was arranged for pre final year and second year ECE students. Nearly 44 students participated in the workshop. Inauguration for the workshop was held on CSE seminar hall on 8th November, 2022 at 10:00am. The function was presided by Dr.B.Venkatanarayana, Principal, SEACET and introduction of resource persons were given by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET. The resource persons from Indian Tech Keys are Mr. Kotresh M and Ms.Shrenika R M. MOU was signed between Indian Tech Keys and S.E.A College of Engineering and Technology for three years.

About Workshop:

**S.E.A COLLEGE OF
ENGINEERING & TECHNOLOGY**
AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY & APPROVED BY ALL INDIA COUNCIL OF TECHNICAL EDUCATION (AICTE)
Ekta Nagar, A. Krishnappa Circle, Ayyappanagar
Devasandra Main Road, Virgo Nagar Post, K.R. Puram, Bangalore - 560 049.
Department Of Electronics and Communication Engineering
Orgnizes
Five Days Workshop on
**"Fundamentals of PCB Design
and Fabrication"
in association with**

In Association with IIC, IQAC and Indian Tech Keys
On 13th - 17th
December 2022
Venue : AC Seminar Hall

PRINCIPAL
S.E.A College of Engineering & Technology
Ekta Nagar, Basavanapura, Virgonagar Post
BANGALORE - 560 049

Objective of the Workshop:

The broad objective of this Workshop is to introduce printed circuit board designing and fabrication where participants will get exposure to DesignSpark PCB designing industrial tool (Open Source) of printed circuit board designing.

Resource Person of the Workshop:

Resource Persons for the Workshop are Mr. Kotresh M and Ms. Shrenika R M from Indian Tech Keys. The details about the resource person Mr. Kotresh M is given below.

KOTRESH MUNDRUGI

Bengaluru, KA 560038 | 953 858 5796 | kotreshm@indiantechkeys.com

Professional Summary

Dedicated Entrepreneur accomplished in concept development, feasibility analysis and securing the funding necessary for successful business growth. Motivated business professional bringing a 5-year career in small business ownership. Business development and social media expert who quickly masters new concepts and technologies to drive successful businesses. Skilled Embedded System Designer with experience in the RS Components and Controls-India industry. Highly skilled software development professional bringing more than 5 years in software design, development and integration. Offering advanced knowledge of App development and python programming languages. Background writing code and developing systems for IoT Industry applications.

Skills

- Full product life cycle.
- Project leadership.
- Full stack developer for WebApps and Mobile Apps.
- IoT Product design.
- PCB layout design.
- Embedded System.
- Strategic partnership building.
- Business recovery and sustainability.
- Hiring, training and supervision.
- Software Platforms.

Work History

Owner/Director

Indian Tech-Keys – Bengaluru, KA

05/2015 to Current

- Encouraged good behaviors using the positive reinforcement method.
- Organized and engaged in recreational activities such as games and puzzles.
- Managed installation, upgrade and deployment projects and provided on-site direction for network engineers.
- Designed and implemented system security and data assurance.
- Participated in all phases of system development life cycle, from requirements analysis through system implementation.

First day 13.12.22

The First day 13.12.22 workshop Inaugural function was held on AC seminar hall at 10:00am. MOU was signed with Indian Tech Keys during Inaugural. Later the workshop started by 11:00 am. In the first day the resource person gave introduction about the discrete components with working principle and its applications in circuits. Fundamentals of circuit rig up. Testing and troubleshooting the circuits. Introduction to DesignSpark PCB tool.



Bengaluru, Karnataka, India

Bengaluru, 2P57+6WX, Lourdu Nagar, Swathantra Nagar,

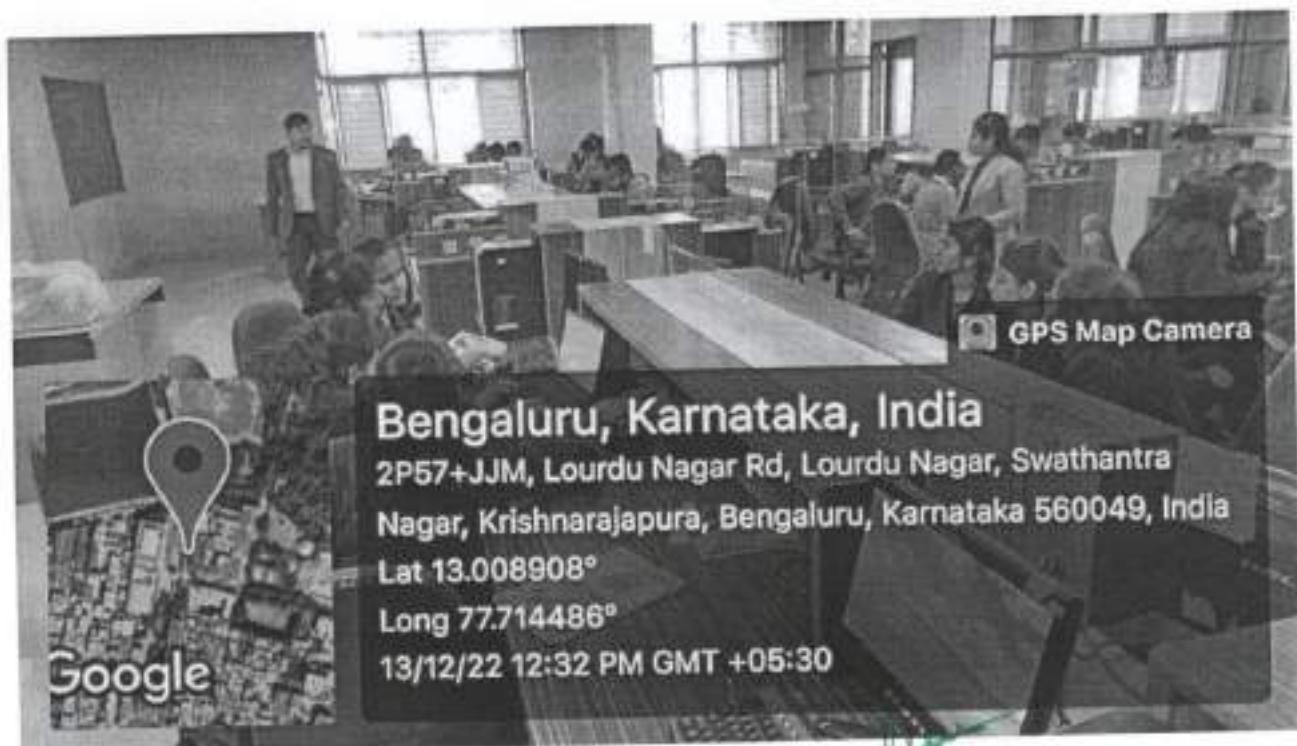
Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.008462°

Long 77.714887°

13/12/22 10:24 AM GMT +06:00

GPS Map Camera



Bengaluru, Karnataka, India

2P57+JJM, Lourdu Nagar Rd, Lourdu Nagar, Swathantra

Nagar, Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.008908°

Long 77.714486°

13/12/22 12:32 PM GMT +05:30

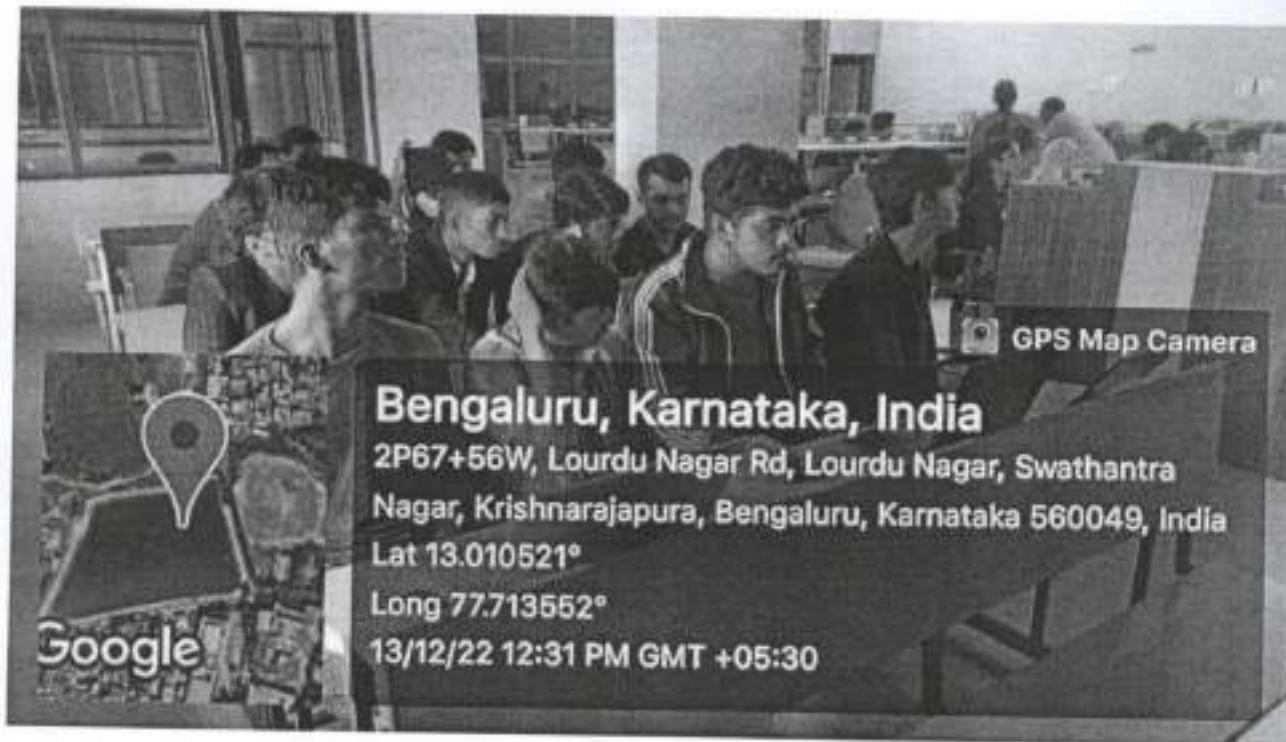
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Ekta Nagar, Basavangupura, Virgonagar Post

BANGALORE - 560 049





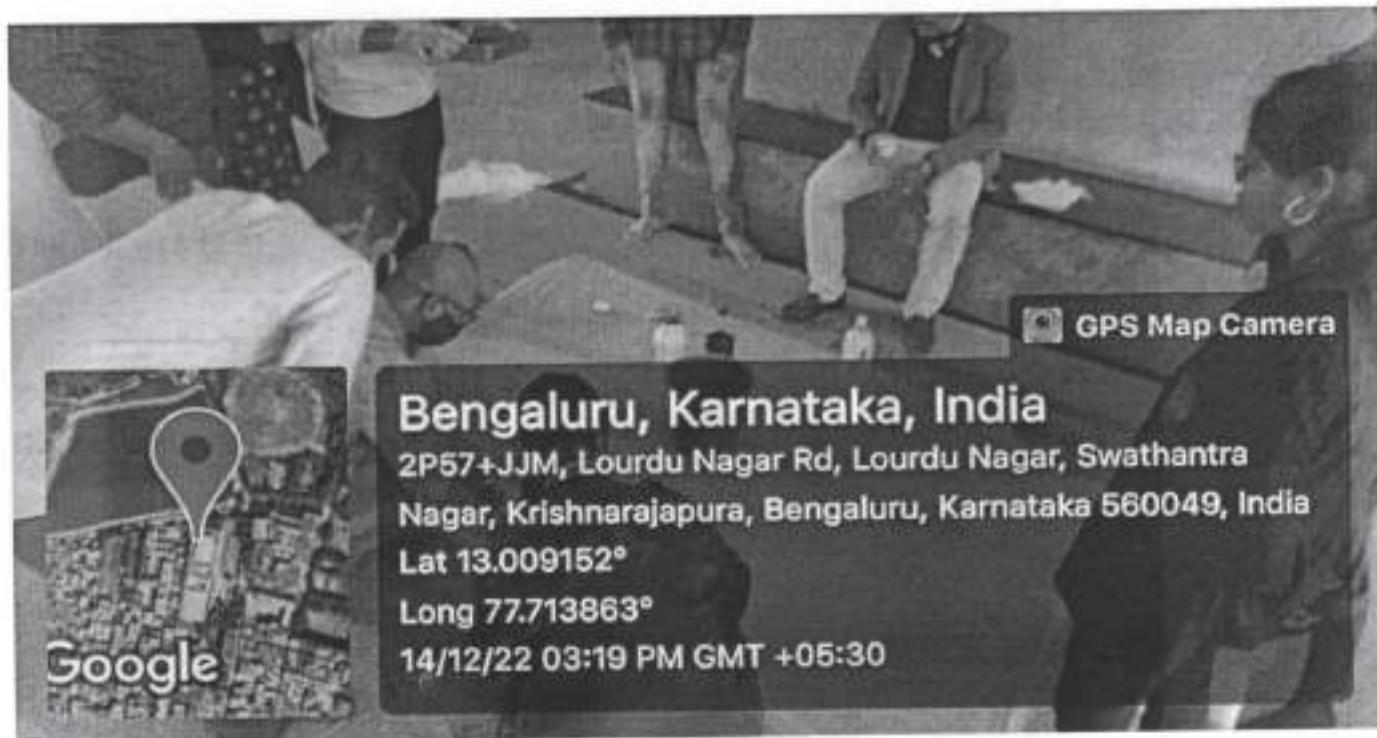
Second day 14.12.22

The Second day 14.12.22 Forenoon and Afternoon sessions resource person delivered lecture on how to do schematic design using DesignSpark PCB tool for different application circuit. Own library creation, components creation. PCB layout design for single sided PCB board fabrication. Gerber file generation from DesignSpark PCB tool fabrication.

Screen Shots for Second day 14.12.22



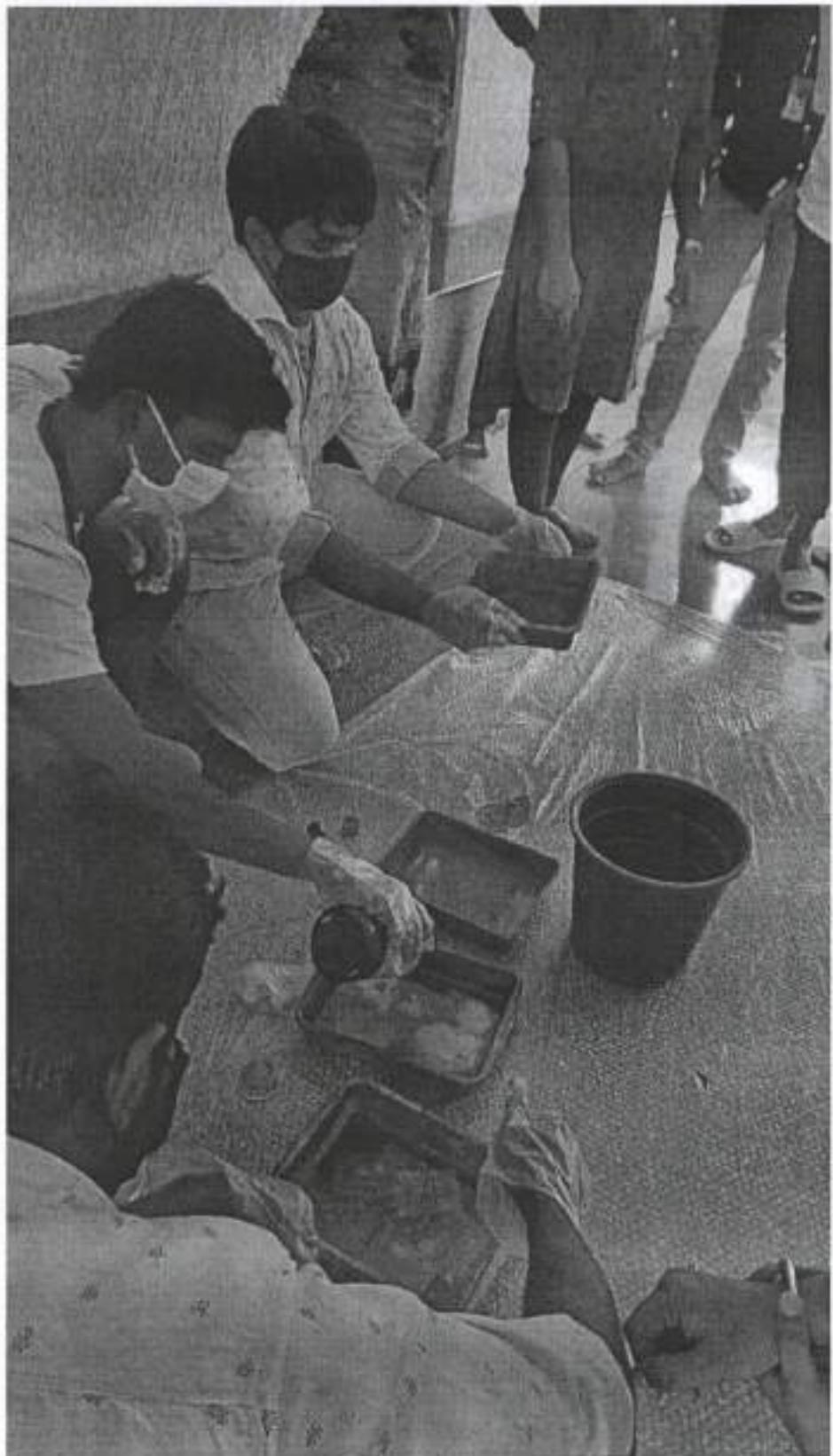
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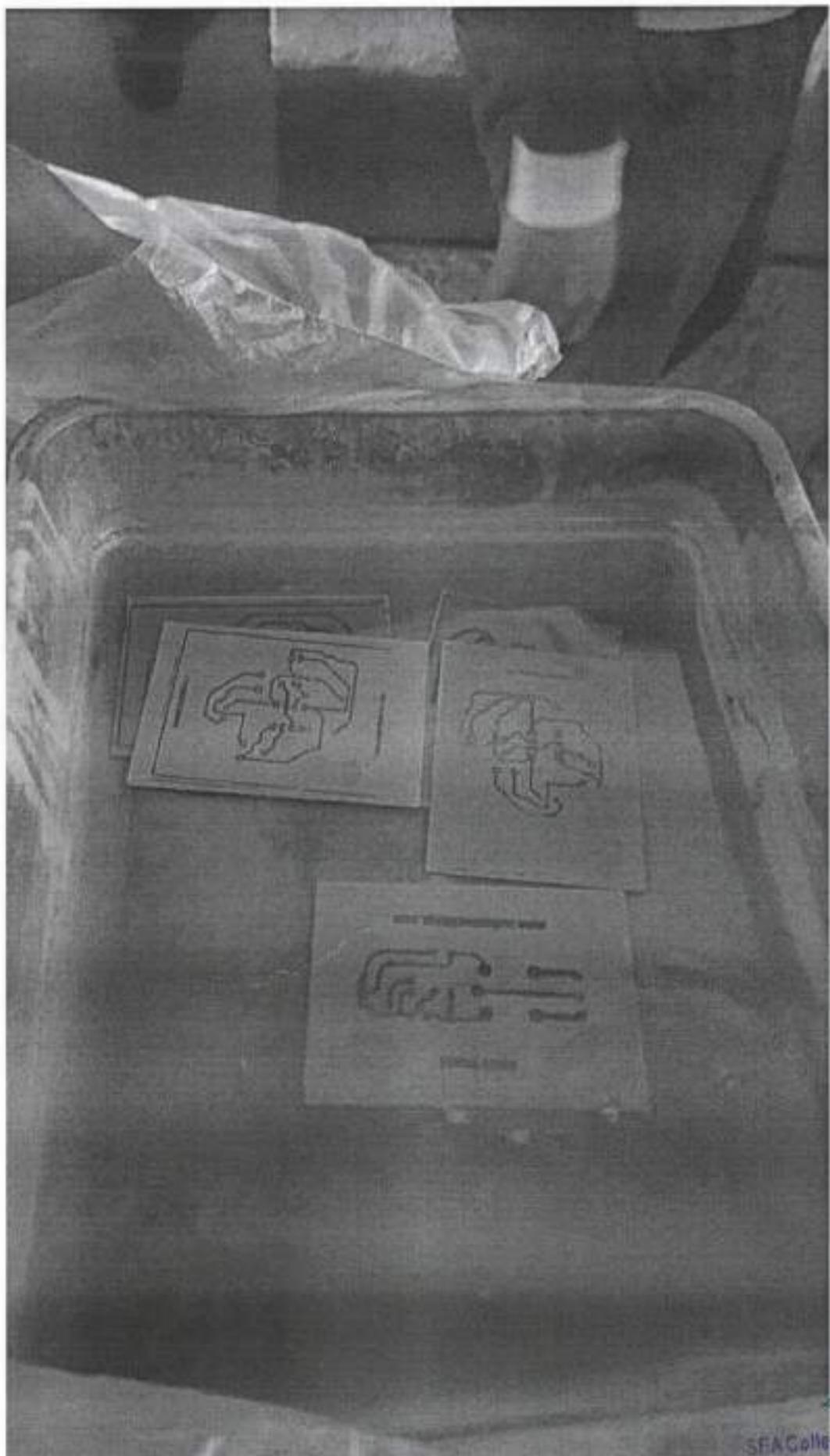
Third day 15.12.22

The Third day 15.12.22 Forenoon and Afternoon sessions resource person delivered lecture on fabrication of board using plane copper clad. Chemical etching to get etched board. Drilling components placement and soldering for board fabrication. Testing and troubleshooting methods.

Screen Shots for Third day 15.12.22




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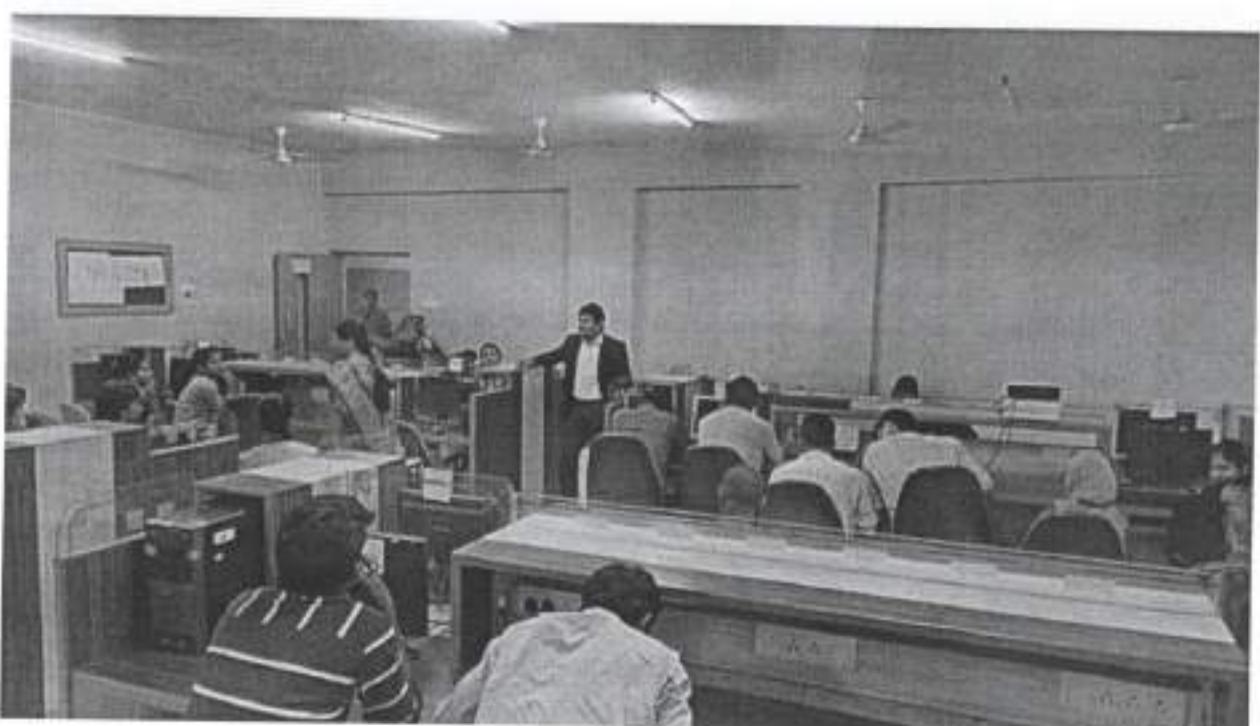
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Ekta Nagar, Basavanapura, Vir
BANGALORE - 56

Fifth day 17.12.22

The Fifth day 17.11.22 Forenoon and Afternoon sessions resource person conducted the assessment about the PCB. Assessment for Grade rating. Clarification of doubts.

Screen Shots for Fifth day 17.12.22





The Workshop was concluded at 03.00pm. The workshop ended with the vote of thanks by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET. Management sponsored for Lunch to resource persons for all five days and Hi-tea to faculties and students of ECE department for all the 5 days. Feedback forms were collected from students at the last day. The workshop was highly informative to students. Thus workshop provided valuable awareness and insights on the various aspects of fabrication of PCB.

Outcome from the Workshop:

- Concept to product development skill.
- Exposure to Analog and Digital ICs.
- Schematics capture, PCB foot print design skill using DesignSpark
- Unit testing and Circuit debugging
- Understanding of PCB fabrication process



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Students Attendance sheet (scanned):

Sl. No	USN	NAME OF THE STUDENT	13.12.2022		14.12.2022		15.12.2022		16.12.2022		17.12.2022	
			PN	AN								
1	15P21EC001	ASHWARYA D	Present	Present								
2	15P21EC002	ASHWARYA H R	Present	Present								
3	15P21EC004	BHARATHRAJ B	Present	Present								
4	15P21EC006	BHAGYADEVI KUMARASWAMY	Present	Present								
5	15P21EC008	BAJAJI VAIATEA	Present	Present								
6	15P21EC010	BANIKALA P M	Present	Present								
7	15P21EC011	BARTHIE V M	Present	Present								
8	15P21EC012	KEVIN GEORGE D	Present	Present								
9	15P21EC013	L. PRABHAKAR	Present	Present								
10	15P21EC014	MADHURADEVI KUMAR	Present	Present								
11	15P21EC015	MADHUK	Present	Present								
12	15P21EC017	MANGISTHA M	Present	Present								
13	15P21EC018	MUVVARAJI	Present	Present								
14	15P21EC019	SAHANA H	Present	Present								
15	15P21EC021	SARASWATHI	Present	Present								
16	15P21EC022	SINDHU K J	Present	Present								
17	15P21EC023	SINDHU J V	Present	Present								
18	15P21EC024	SINDHU P	Present	Present								
19	15P21EC025	SOMA N	Present	Present								

20	15P21EC027	SPOORTHI	Present									
21	15P21EC028	SRIGHARI NEEL	Present									
22	15P21EC030	SUDAIN KUMAR	Present									
23	15P21EC031	THIRTHAKUMAR H B	Present									
24	15P21EC032	VAISHNAVI PATIL	Present									
25	15P21EC033	VARAPRASAD E	Present									
26	15P21EC034	VENUGOPAL H B	Present									
27	15P21EC035	WYSHNAMI A S	Present									
28	LATERAL ENTRY	ASWINI T	Present									
29	LATERAL ENTRY	CHARITHRA RANI	Present									
30	LATERAL ENTRY	KARTHIKEYA R	Present									
31	LATERAL ENTRY	SAI NEEL	Present									
32	LATERAL ENTRY	SUDHEER S S	Present									
33	15P19EC009	ABHILASH C	Present									
34	15P19EC002	ANIRUDH SANKU	Present									
35	15P19EC003	ANVYA KUMAR	Present									
36	15P19EC004	ANURER TAJ	Present									
37	15P19EC006	BANU S	Present									
38	15P19EC007	BYREGOWDA N	Present									
39	15P19EC015	MANUJNATH B	Present									
40	15P19EC017	MANEEN Y	Present									
41	15P19EC022	RAJESH P	Present									
42	15P19EC025	V. S SANTHOOSH	Present									
43	15P19EC027	YASHWANTH GOWDA	Present									
44	15P19EC028	YOGESH V	Present									

Sample Feedback forms from students (scanned):

 **S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY**
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Basavangudi, Ekta Nagar, K.R.Puram, Bangalore-560049

Students Feedback Form

5 Days Workshop on 'PCB Design and Fabrication' from 13-12-22 to 17-12-22

Workshop Name: PCB DESIGN And HS Fabrication Date: 20/12/22
Name of the Institution: S.E.A College of Engineering and Technology
Program Date: 13/12/22 to 17/12/22 Program Mode (Online/Offline): OFFLINE
Name of the Participant: SMORTHI-J
Department: EE
USN NO: 1SP21E0121
Year and Semester: 2nd Year III SEM
Address: #28 2nd cross near Mahadeva temple Chinnapapgalur, Bangalore - 37
Phone No: 8088199828 Mobile No: _____ e-mail ID: smorthi003@gmail.com

➤ Write down the benefits got by attending this program?
Learned how to design single layer PCB and fabrication.

➤ Any Notes or Content Material provided (Y/N): YES

➤ Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning?
YES

➤ Have you found any innovative idea of making learning process from this program? Explain.
YES

➤ Whether initiatives like this should be organized in the coming future or not? Give reason.

Yes, Planning Workshop in future will help to improve our skills.

➤ How do you plan to share the gained knowledge/skill with your friends who did not attend the program?

Sharing the Software application and notes provided during the workshop.

✓ Kindly give rating to the different aspects of Workshop (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Course Content	10	
(b). Resource Persons	10	
(c). Presentations	10	
(d). Interactive Sessions	10	
(e). Reading Material	10	
(f). Basic Facilities	10	
(g). Overall	10	


Signature of the Participant



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Basantpura, Ekta Nagar, K.R.Puram, Bangalore-560049

Students Feedback Form

5 Days Workshop on 'PCB Design and Fabrication' from 13-12-22 to 17-12-22

Workshop Name: PCB design and fabrication Date: 20/12/22

Name of the Institution: S.E.A College of engineering & Technology

Program Date: 13-12-22 to 17-12-22 Program Mode (Online/Offline): offline

Name of the Participant: Anushka Sanki

Department: Electronics & communication

USN NO: 1SP19EC009

Year and Semester: 4th Year 3rd Sem

Address: S.E.A international Boys Hostel, Bangalore, 560049

Phone No:

Mobile No: 9463222092

E-mail ID: anushka.sanki.339@gmail.com

➤ Write down the benefits got by attending this program?

The overall experience is very good. I have learnt
so much about PCB design and fabrication.
It was very informative program.

➤ Any Notes or Content Material provided (Y/N): Yes

➤ Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning?

Yes

➤ Have you found any innovative idea of making learning process from this program? Explain.

Yes, After learning this program now I can
also make PCB by myself and apply it
to my project.

➤ Whether initiatives like this should be organized in the coming future or not? Give reasons.

Yes, as if they want they can be organized in my coming future because this will be helpful for the students.

➤ How do you plan to share the gained knowledge with your friends who did not attend the program?

Being abroad attend the program, and I am highly recommend them to join.

➤ Kindly give rating on the different aspects of Workshop (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a) Course Content	9	
(b) Resource Persons	9	
(c) Presentations	9	
(d) Interactive Sessions	10	
(e) Reading Material	8	
(f) Basic Facilities	10	
(g) Overall	9	

Anubom Sonika
Signature of the Participant

Chetan
PRINCIPAL
SEA College of Engineering & Technology
Ekta Nagar, Basavanapura, Virgonagar Post
BANGALORE - 560 049.

Students Name list – Workshop:

SL. No	USN	NAME OF THE STUDENT
1	1SP21EC001	AISHWARYA D
2	1SP21EC002	AISHWARYA H R
3	1SP21EC004	BHARADWAZ R
4	1SP21EC006	GODLAVEETI GURUMAHESH
5	1SP21EC008	JAGATI SAI TEJA
6	1SP21EC010	KANNIKA P N
7	1SP21EC011	KARTHIK V H
8	1SP21EC12	KEVIN GEORGE D
9	1SP21EC13	L PAWAN KUMAR
10	1SP21EC14	MOHAMMED NAWAZ ULLAH
11	1SP21EC15	NIKHIL K
12	1SP21EC17	RANJITHA M
13	1SP21EC18	S YUVARAJ
14	1SP21EC020	SAHANA H
15	1SP21EC21	SHAMME ZEHRA
16	1SP21EC22	SINDHU K J
17	1SP21EC23	SINDHU V
18	1SP21EC24	SKANDA P
19	1SP21EC25	SONIKA N
20	1SP21EC027	SPOORTHI J
21	1SP21EC28	SRIDHAR S MELI
22	1SP21EC30	SUZAIN KHANUM
23	1SP21EC031	THIRTHAKUMAR H B
24	1SP21EC32	VAISHNAVI PATIL
25	1SP21EC33	VARAPRASAD K
26	1SP21EC34	VENUGOPAL H R
27	1SP21EC35	VYSHNAVI A R
28	LATERAL ENTRY	ASWINI T
29	LATERAL ENTRY	CHARITHRA RANI
30	LATERAL ENTRY	KARTHIKEYA K.
31	LATERAL ENTRY	SAI NIKHIL
32	LATERAL ENTRY	SUDEEP B S
33	1SP19EC001	ABHILASH C
34	1SP19EC002	ANIRBAN SANKI
35	1SP19EC003	ANIYA KAUSAR
36	1SP19EC004	ARBEEN TAJ
37	1SP19EC006	BINU B
38	1SP19EC007	BYREGOWDA N
39	1SP19EC015	MANJUNATH B
40	1SP19EC017	NAVEEN.Y
41	1SP19EC022	RAJESH P
42	1SP19EC026	V.Y SANTHOSH
43	1SP19EC027	YESHWANTH GOWDA
44	1SP19EC028	YOGESH V

S.E.A College of Engineering and Technology

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



in association with

Indian Tech-Keys

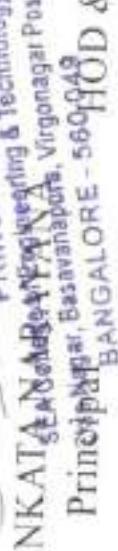
Certificate Of Participation

PROGRESS THROUGH EDUCATION

SAHANA H

Bearing USN No 1SP21EC020 student of **Electronics and Communication Engineering, S.E.A College of Engineering and Technology, Bengaluru**, has participated in the **FIVE DAY WORKSHOP on PCB Design and Fabrication** conducted by **Indian Tech-Keys, Bengaluru**, from 12/12/2022 to 17/12/2022.


Dr. B VENKATESHWARAN
HOD & Associate Prof.


Dr. Pradeep Kumar N S
HOD & Associate Prof. Dept of ECE.



Mr. Kotresh Mundrugi
Director & CEO
INDIAN TECH-KEYS

S.E.A College of Engineering and Technology

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



in association with

Indian Tech-Keys

Certificate Of Participation

NAVEEN.Y

Bearing USN No 1SP19EC017 student of **Electronics and Communication Engineering, S.E.A College of Engineering and Technology, Bengaluru**, has participated in the FIVE DAY WORKSHOP on **PCB Design and Fabrication** conducted by **Indian Tech-Keys**, Bengaluru, from 12/12/2022 to 17/12/2022.

Rashed

Kishore

Boye

Dr B VENKATA NARAYANA
Principal

Dr. Pradeep Kumar N S
HOD & Associate Prof, Dept of ECE
Bengaluru - 560 078

Dr. Pradeep Kumar N S
HOD & Associate Prof, Dept of ECE
Bengaluru - 560 078

Dr. Pradeep Kumar N S
HOD & Associate Prof, Dept of ECE
Bengaluru - 560 078

INDIAN TECH-KEYS



S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EKTA NAGAR, VIRGO NAGAR (POST), K.R. PURAM, BANGALORE-560049

SEACET/ACADEMIC/ECE/WS/2022-23/01

4/11/2022

CIRCULAR

The Department of Electronics and Communication Engineering is organizing Five days Workshop on "IOT with Raspberry pi" for 3rd & 4th year students in association with IQAC, IIC and Cranes Varsity from 8th to 12th November, 2022. The Inauguration for the workshop will be held at CSE Seminar Hall, 10.00 AM. Hereby we kindly request all the HOD's and faculty members to attend it and make the event a grant success.

Pradeep Kumar 04/11/22
HOD
Head of the Department
Department of Electronics &
Communication Engineering
S.E.A College of Engineering and Technology
Bangalore-560049

Pradeep Kumar
Principal

HODs of

IOT & BCT
CSE
ISE
ME
CV
AI&ML
MBA

FIRST YEAR DEAN
PHYSICS — *Alamelu*
CHEMISTRY *Mayathra*
MATHEMATICS *Subashini*
LIBRARIAN
PLACEMENT

DS
04/11/22



S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ektanagar, Basaveshwara, Virgonagar Post, (K.R.Puram) BANGALORE-560049

Department of Electronics and Communication Engineering

INVITATION

The Management, Principal, Faculty and Students of Department of Electronics and Communication Engineering cordially invite you to grace the Inaugural of

Workshop

on

"IOT with Raspberry Pi"

in association with IQAC, HIC and Cranes Varsity, Bengaluru.

Chief Guest:

Dr.K.Viyyanna Rao

(Honorary Director, S.E.A Group of Institutions)

Guest of Honour:

Smt. Manjula Krishnappa

(Chairman, S.E.A Group of Institutions)

Sri. D.T. Srinivasa

(Secretary, S.E.A Group of Institutions)

Smt.K.Poornima Srinivasa

(MLA-Hiriyur Constituency)

Treasurer & CEO, S.E.A Group of Institutions)

Smt.K.Anupama

(Jt.Secretary, S.E.A Group of Institutions)

Date: 8th November 2022

Time: 10.00 AM onwards

Venue: CSE Seminar Hall

Dr. Pradeep Kumar N S
HOD, ECE

0001
Dr. B. VENKATESWARAYANA
S.E.A College of Engineering & Technology
Ektanagar, Basaveshwara, Virgonagar Post
BANGALORE - 560 049



SEAC College of Engineering and Technology

Affiliated to VTU, Belgaum and Approved by AICTE, New Delhi

Ekta Nagar, K.R.Puram, Bangalore-19



Five days Workshop on "IOT with Raspberry Pi" In Association with IQAC and Cranes Varsity



On 8th – 12th November 2022



Inauguration: C. Seminar Hall
 Date



PRINCIPAL
SEAC College of Engineering & Technology
Ekta Nagar, Basavanapura, Virgonagar Post
BANGALORE - 560 049



Department of Electronics and Communication Engineering

Report on the 5 Days Workshop on IOT with Raspberry Pi

A 5 Days Workshop on "IOT with Raspberry Pi" was organized by Department of Electronics and Communication Engineering, S.E.A College of Engineering and Technology, Bangalore from 8th-12th November, 2022 in association with Cranes Varsity. The timings for Morning Session was 09.00 am to 12.45 pm and afternoon Session was 1.30 to 4.00 pm. The workshop was arranged for final year and pre final year students. Nearly 37 students participated in the workshop. Inauguration for the workshop was held on CSE seminar hall on 8th November, 2022 at 10:00pm. The function was presided by Dr.K.Viyyanna Rao, Director, S.E.A Group of Institutions and Dr.B.Venkatanarayana, Principal, SEACET and introduction of resource persons were given by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET. The resource persons from Cranes Varsity are Mr. Nishant T, Mr. Abhishek, Mr.Bhoj Rah Prathan and Mr.Suhail. MOU was signed between Cranes Varsity and S.E.A College of Engineering and Technology for three years.

About Workshop:

**S.E.A COLLEGE OF
ENGINEERING & TECHNOLOGY**
AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY & APPROVED BY ALL INDIA COUNCIL OF TECHNICAL EDUCATION (AICTE)
Ekta Nagar, A. Krishnappa Circle, Ayyappanagar
Devasandra Main Road, Virgo Nagar Post, K.R. Puram, Bangalore - 560 049.

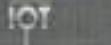
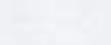
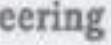
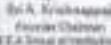
**Department of Electronics and Communication Engineering
Organizes**

**Five days Workshop on
"IOT with Raspberry Pi"**

In Association with IIC, IQAC and Cranes Varsity

On 8th – 12th November 2022

Inauguration: Seminar Hall




PRINCIPAL
SEA College of Engineering & Technology
Ekta Nagar, Basavanapura, Virgonagar Post
BANGALORE - 560 049

Objective of the Workshop:

The broad objective of this Workshop is to improve students' knowledge and skills in the recent technology IOT through it they gain in-depth career knowledge and placement opportunities. And to prepare students for careers in the industry by training and assisting them on industry-relevant projects/platforms

Resource Person of the Workshop:

Resource Persons for the Workshop are Mr. Nishant T and Mr. Suhail from Cranes Varsity. The details about the resource person Mr. Nishant T is given below.



Mr. Nishant T

Domain Expert, Corporate Trainer for IoT



- Delivered 5000+ Manhours Training.
- Expert in Raspberry PI Training.
- Experience in MariaDB.
- Experience in C, Python, and Embedded Systems.
- IOT, Raspberry pi, Arduino Microcontroller, Linux
- Red Hat Enterprise Linux, CentOS, and Ubuntu
- Managing Users, Groups, and policies.
- Configuring the crontab to automate the tasks.
- Creating and maintaining YUM/APT/GIT repositories.
- Installing applications from the source and applying patches.
- Bash Scripting
- User administration and managing file permission and ACL.
- Setting up Web Servers (httpd).
- Experience in Configuring and Maintaining various Open-Source applications on Linux - NFS, Autofs, SCP, SFTP, httpd.
- Knowledge of VM Ware, and Virtual box.
- Basic knowledge of KVM.
- Configuring VPN server(OpenVPN).
- Embedded c, Robotics



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BANGALORE - 560 049

First day 08.11.22

The First day 08.11.22 workshop Inaugural function was held on CSE seminar hall at 10:00am. MOU was signed with cranes varsity during Inaugural. Later the workshop started by 11:00 am. In the forenoon session the resource person gave introduction about the importance of core domain in detail. Introduction to Raspberry Pi and generation upgradation was explained. In addition, briefed PCB presentation and chip details of Raspberry Pi.

Screen Shots for First day 08.11.22 Forenoon session





In the Afternoon session the resource person explained the features of IOT. Students were given hands-on session on installation of Raspberry Pi.

Screen Shots for First day 08.11.22 Afternoon session



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Second day 09.11.22

The Second day 09.11.22 Forenoon and Afternoon sessions resource person delivered lecture on how to connect Raspberry pi to the system and later hands on experience was given to students to handle the raspberry kit. Students were divided in to groups and practice on kit started. Simulation of Basic LED program using python language was taught to students. Students simulated the program and output were obtained by them.

Screen Shots for Second day 09.11.22





GPS Map Camera

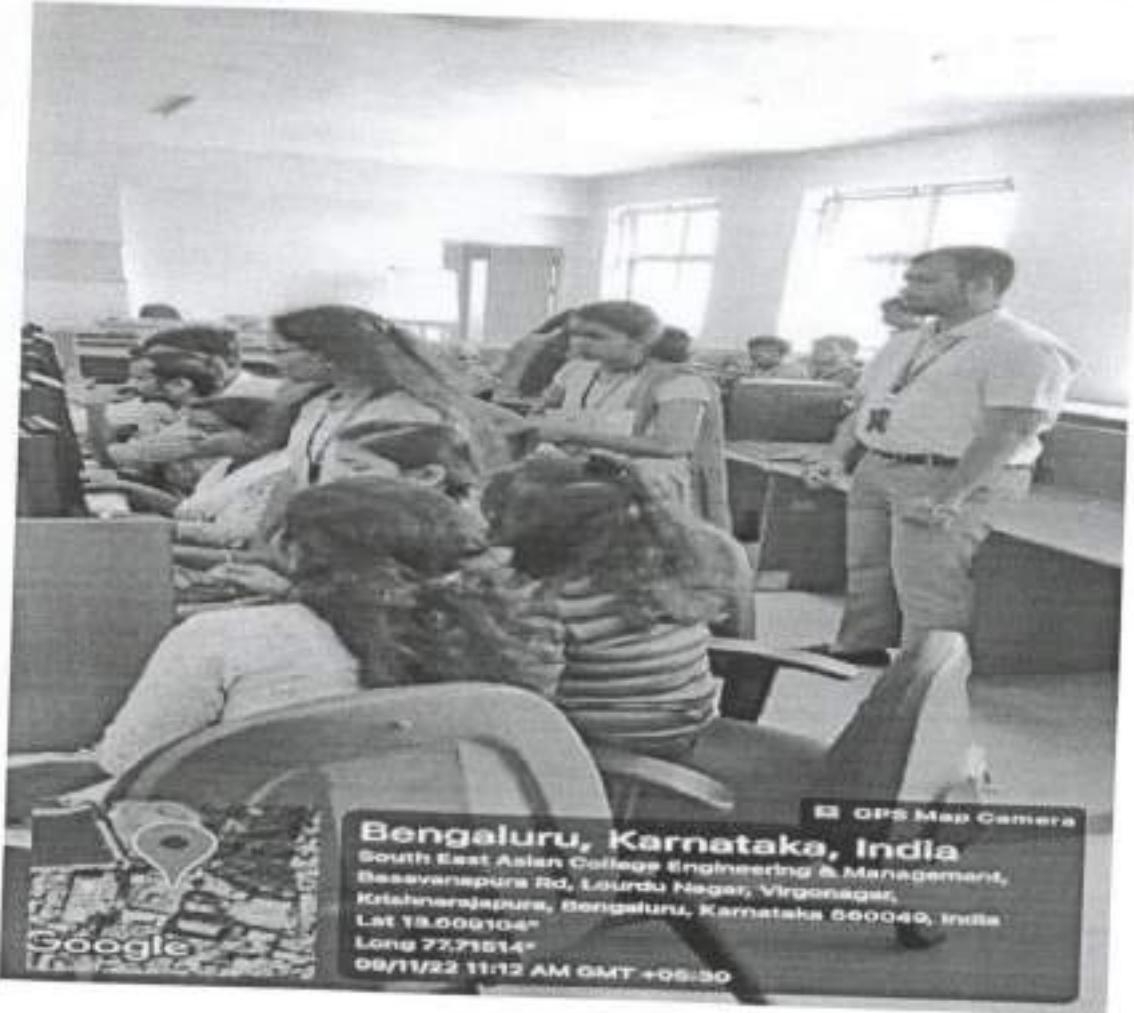
Bengaluru, Karnataka, India

South East Asian College Engineering & Management, Basavanapura Rd, Lourdu Nagar, Virgonagar, Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.009043°

Long 77.715136°

09/11/22 11:12 AM GMT +05:30



GPS Map Camera

Bengaluru, Karnataka, India

South East Asian College Engineering & Management, Basavanapura Rd, Lourdu Nagar, Virgonagar, Krishnarajapura, Bengaluru, Karnataka 560049, India

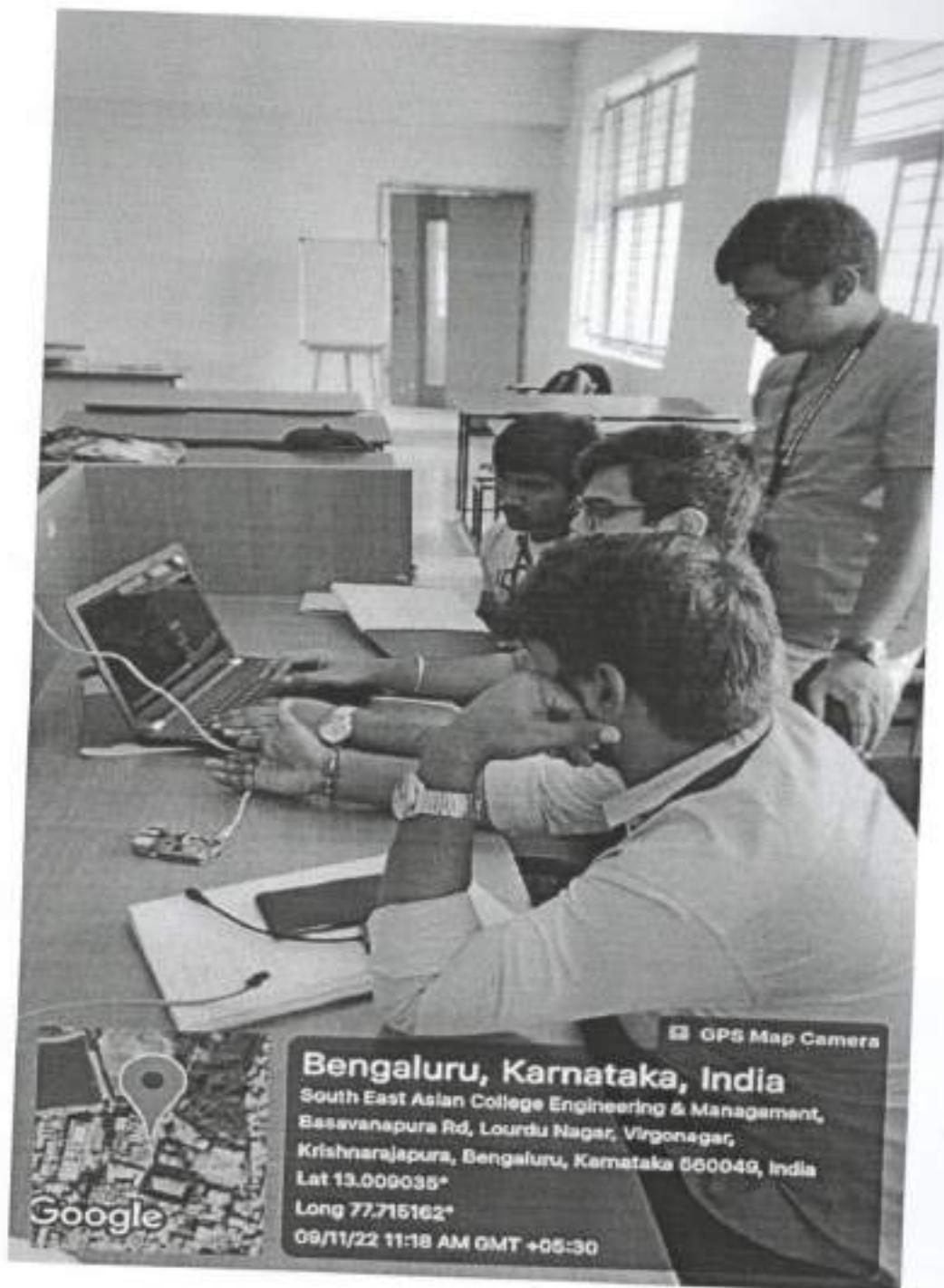
Lat 13.009043°

Long 77.715136°

09/11/22 11:12 AM GMT +05:30

Principal

SEA College of Engineering & Management



Third day 10.11.22

The Third day 10.11.22 Forenoon and Afternoon sessions resource person delivered lecture on introduction to the IR sensor and ultrasonic sensor and how to implement it using python language in Raspberry pi to the system. And later hands on experience was given to students to Simulate IR sensor and ultrasonic sensor program using python language. Students simulated the program and output were obtained by them.

Screen Shots for Third day 10.11.22





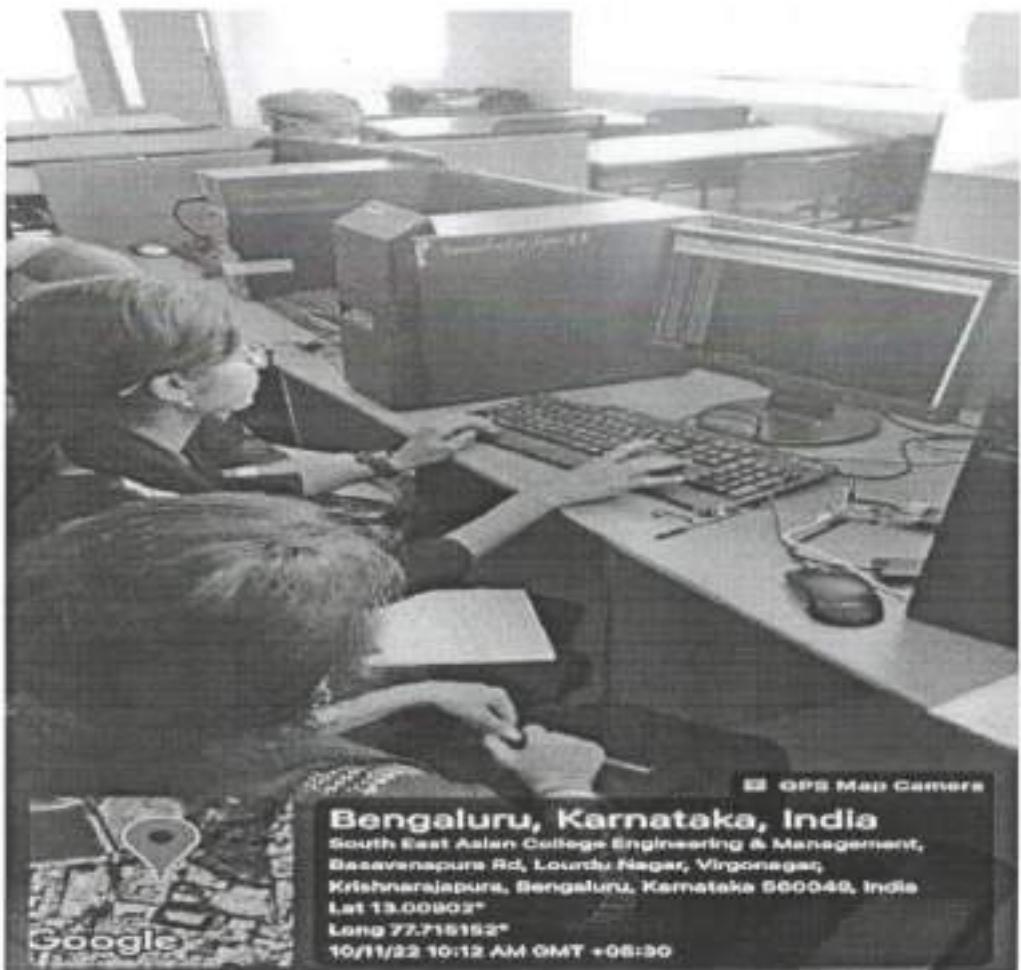
Bengaluru, Karnataka, India

South East Asian College Engineering & Management, Basavanapura Rd, Lourdu Nagar, Virgonagar, Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.00903°

Long 77.715153°

10/11/22 10:12 AM GMT +05:30



Bengaluru, Karnataka, India

South East Asian College Engineering & Management, Basavanapura Rd, Lourdu Nagar, Virgonagar, Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.00903°

Long 77.715153°

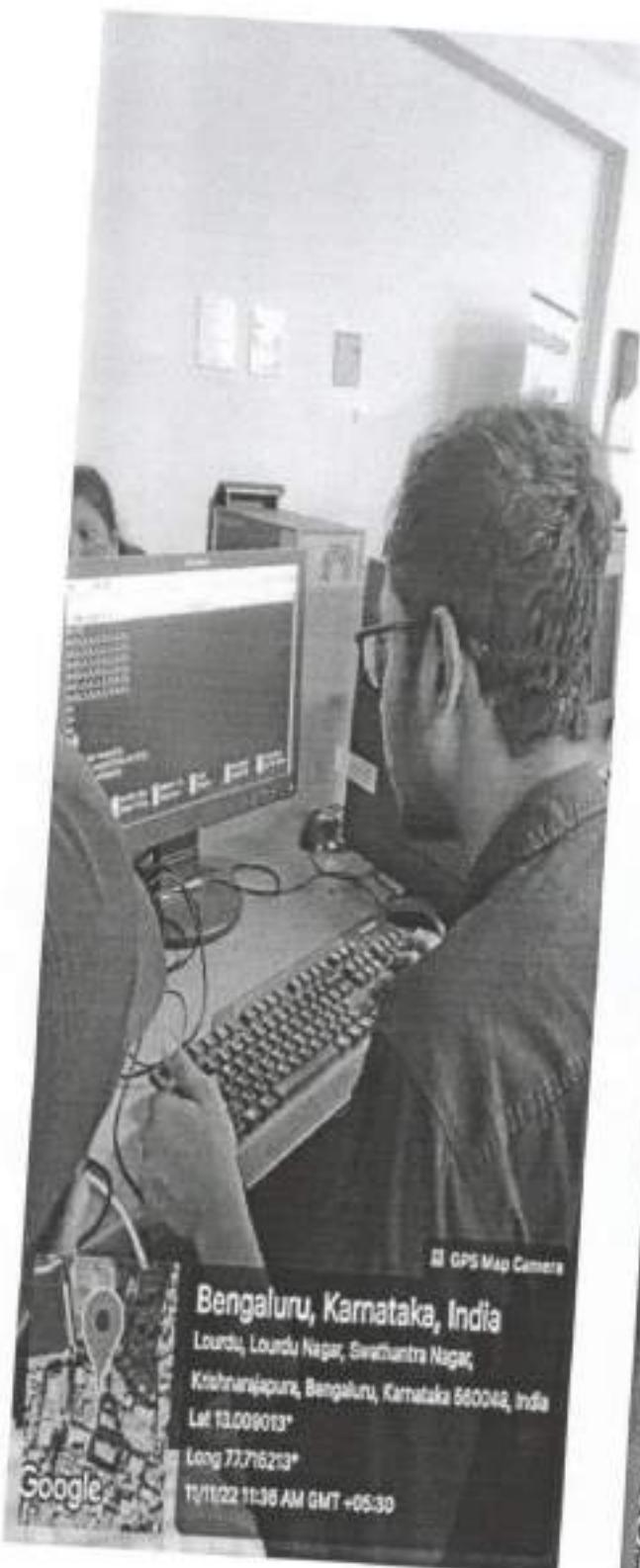
10/11/22 10:12 AM GMT +05:30

Fourth day 11.11.22

The Fourth day 11.11.22 Forenoon and Afternoon sessions resource person delivered lecture on Seven Segment display and DHT sensor and how to implement it using python language in Raspberry pi to the system. And later hands on experience was given to students to Simulate Seven Segment display and DHT sensor program using python language. Students simulated the program and output were obtained by them.

Screen Shots for Fourth day 11.11.22





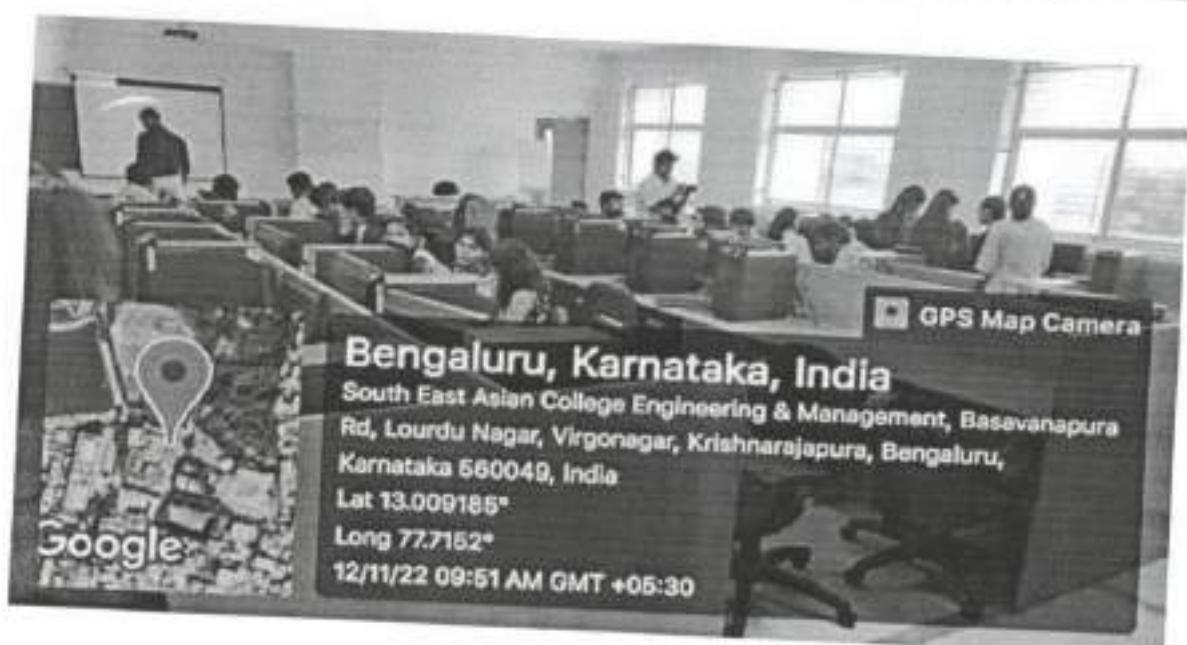
Fifth day 12.11.22

The Fifth day 12.11.22 Forenoon and Afternoon sessions resource person delivered lecture on how to upload DHT sensor program to 'Think Speak' cloud and how to show the graphical representation of sensor values. And later hands on experience was given to students to build an interactive channel between Raspberry pi and telegram.

Screen Shots for Fifth day 12.11.22



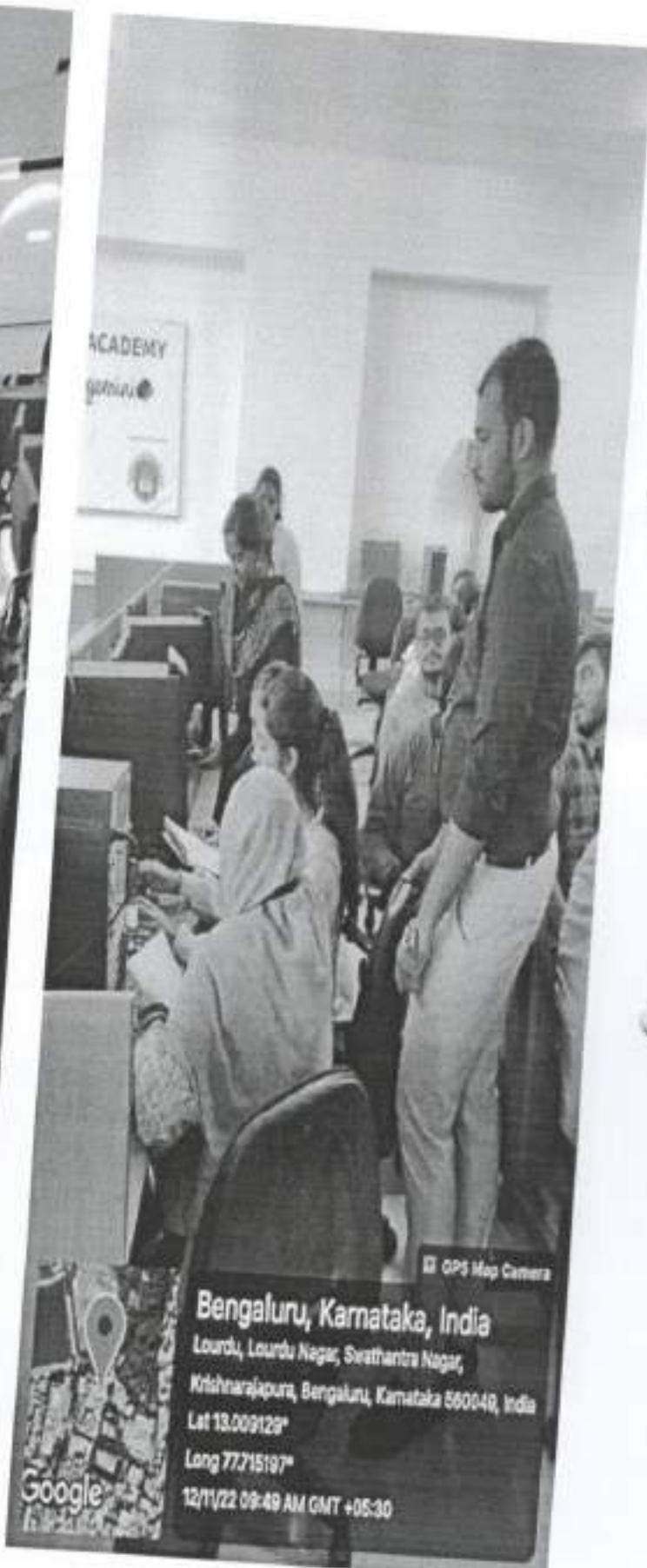
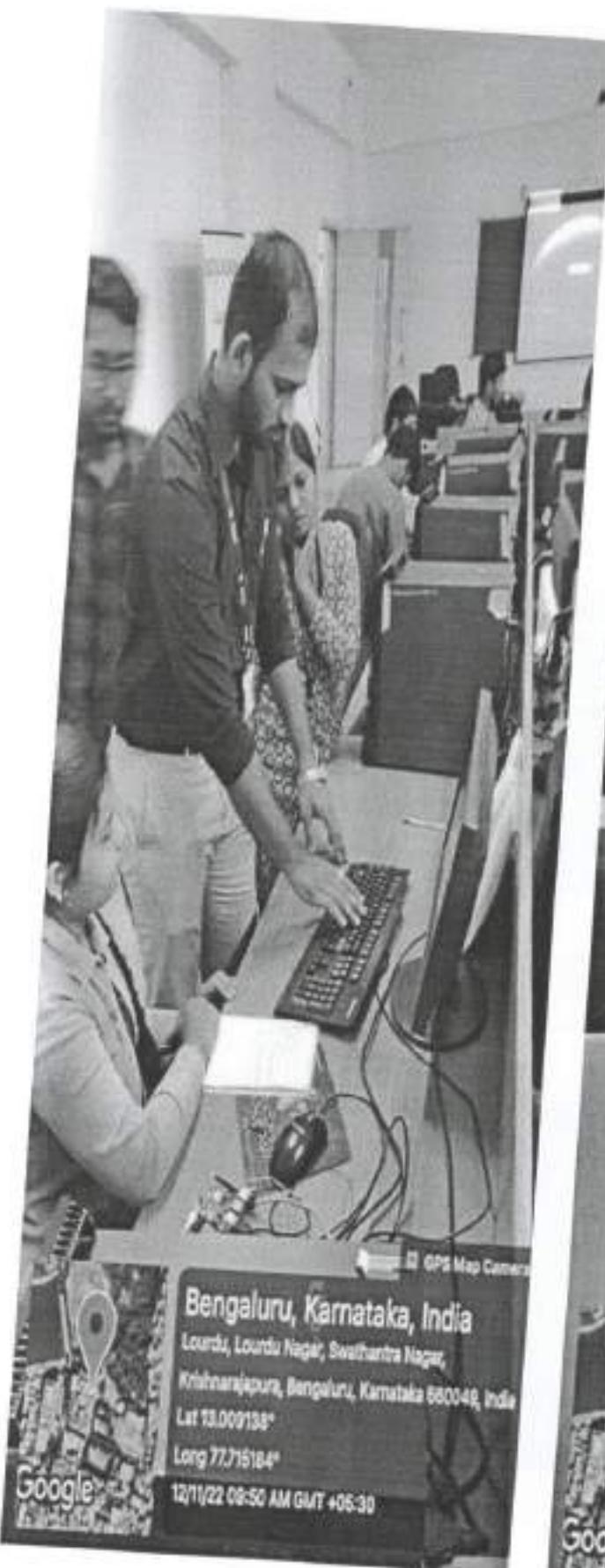
Bengaluru, Karnataka, India
South East Asian College Engineering & Management, Basavanapura
Rd, Lourdu Nagar, Virgonagar, Krishnarajapura, Bengaluru,
Karnataka 560049, India
Lat 13.009185°
Long 77.715204°
12/11/22 09:51 AM GMT +05:30



GPS Map Camera

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Karnataka 560049, India
Lat 13.009185°
Long 77.7152°
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GPS Map Camera

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Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.009138°

Long 77.715184°

12/11/22 09:50 AM GMT +05:30



GPS Map Camera

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Lourd, Lourd Nagar, Sivathantra Nagar,
Krishnarajapura, Bengaluru, Karnataka 560049, India

Lat 13.009129°

Long 77.715197°

12/11/22 09:49 AM GMT +05:30





The Workshop was concluded at 03.00pm. The workshop ended with the vote of thanks by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET. Management sponsored for Lunch to resource persons for all five days and Hi-tea to faculties and students of ECE department for all the 5 days. Feedback forms were collected from students at the last day. The workshop was highly informative to students. Thus workshop provided valuable awareness and insights on the various aspects of IoT applications.


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Students Name list – Workshop:

S.NO	USN	STUDENT NAME
1	1SP19EC001	ABHILASH C
2	1SP19EC002	ANIRBAN SANKI
3	1SP19EC003	ANIYA KAUSAR
4	1SP19EC004	ARBEEN TAJ
5	1SP19EC005	BHARATH B
6	1SP19EC006	BINU
7	1SP19EC007	BYRE GOWDA N
8	1SP19EC009	CYRIL PAUL RAYAN
9	1SP19EC010	GLORY D'SOUZA R
10	1SP19EC011	IMPANA
11	1SP19EC012	KAVITHA P
12	1SP19EC013	LAVANYA K
13	1SP19EC014	MAMTA KUMARI
14	1SP19EC015	MANJUNATH B
15	1SP19EC016	MANOJ GY
16	1SP19EC017	NAVEEN Y
17	1SP19EC018	PALLAVI AS
18	1SP19EC019	PARVATHI S
19	1SP19EC020	PRAJWAL
20	1SP19EC021	PRIYANKA KUMARI
21	1SP19EC022	RAJESH P
22	1SP19EC023	SATHVIKA GB
23	1SP19EC024	AVINASH S
24	1SP19EC026	VY SANTHOSE
25	1SP19EC027	YASHWANTH GOWDA
26	1SP19EC028	YOGESH V
27	1SP19EC030	RISHI VARDHAN
28	1SP18EC002	CHANDAN
29	1SP20EC001	BHAVANI S
30	1SP20EC002	CHAKKIRI V SUDHEER KUMAR
31	1SP20EC003	E NANDINI
32	1SP20EC004	EDURU RAJESH
33	1SP20EC005	JYOTHI NN
34	1SP20EC007	MOHITH GOWDA
35	1SP20EC008	D N PADMANAND
36	1SP20EC009	SNEHA SHREE
37	1SP20EC010	PRATHIK KUMAR RAI

Students Attendance sheet (scanned):

S.NO	IDN	STUDENT NAME	8:00 AM		9:00 AM		10:00 AM		11:00 AM		12:00 PM	
			PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
1	LSP20EC001	SHRUVANIS	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
2	LSP20EC002	CHAKKIVARUCHERI	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
3	LSP20EC003	SHUMANI	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
4	LSP20EC004	SHOURU RAJESH	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
5	LSP20EC005	WITHEEN	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
6	LSP20EC006	GOKESH P	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
7	LSP20EC007	MANOHAN GOWDA	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
8	LSP20EC008	D N PADMANABH	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
9	LSP20EC009	SNEHA SHEEL	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
10	LSP20EC010	PRATHIK KUMAR RAI	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
11	LSP20EC011	JAHULAH C	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
12	LSP20EC012	ANIRANAN SHARI	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
13	LSP20EC013	ANDYA KAZUR	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
14	LSP20EC014	ARMEEN RAJ	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
15	LSP20EC015	BHARATH B	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
16	LSP20EC016	IRANI	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
17	LSP20EC017	SHRE GONDA N	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
18	LSP20EC018	CYRIL PAUL RAYAN	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
19	LSP20EC019	SHUBH D'SOUZA B	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
20	LSP20EC020	IMPANA	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
21	LSP20EC021	KAVITHA P	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
22	LSP20EC022	UVAVANTHA B	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
23	LSP20EC023	MAARTA KURMAN	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
24	LSP20EC024	MANJUNATH B	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN
25	LSP20EC025	MAMUDU GY	PN	AN	PN	AN	PN	AN	PN	AN	PN	AN

REGD. NO.	NAME	Project	Report	Practical	Quiz	Group						
15P19EC018	PALLAVAS MANAVATHI S	Project 1	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC020	PRUDHVI, R. T	Project 2	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC021	PRUDHVI, R. T	Project 3	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC022	RAJESH P	Project 4	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC023	SATHYAKA GB	Project 5	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC024	ANURASH S	Project 6	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC026	IVY SANTHOSH	Project 7	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC027	RASHWINANTH GOWDA	Project 8	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC028	YOGESH V	Project 9	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC030	IRSHAD YARZAM	Project 10	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC031	WOSMAN SANJUQAAB	Project 11	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC032	DHANANJ	Project 12	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
15P19EC033	SOPRIYA N	Project 13	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good

Sample Feedback forms from students (scanned):

S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Basavanapura, Ekal Nagar, K.R.Puram, Bangalore-560049



Students Feedback Form

5 days Workshop on "IOT with Raspberry pi"

8-11-2022 to 12-11-2022

Workshop Name: IOT with Raspberry Pi Date: 11/11/22

Name of the Institution (Where Seminar organized): SEA College of Engineering & Technology

Name of the Participant: sathwika G.B

Department: E.C.E

USN NO: ISP19EC023

Year and Semester: 1st, 3rd year

Address: # 23, 2nd floor Aditya Layout

Phone No: 9950599065 Mobile No: 9353632975 e-mail ID: Yiddyathwika616@gmail.com

> Write down the benefits you by attending this programme?

basic knowledge regarding hardware

> Any Notes or Content Material provided (Y/N) Yes

> Does this workshop have brought any change in your understanding of the subject, skills and your attitude towards the learning?

Yes

> Have you found any innovative idea of making learning process from this workshop? Explain.

Yes, we can use in our main project

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> Whether initiatives like this should be organized in the coming future or not? Give reason.

Yes, it should be

> How do you plan to share the gained knowledge/skill with your friends who did not attend the workshop?

by sharing reading material to my friends

✓ Kindly give rating to the different aspects of Workshop (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a) Course Content	9	+
(b) Resource Persons	10	-
(c) Presentations	9	-
(d) Interactive Sessions	9	-
(e) Reading Material	10	-
(f) Basic Facilities	10	-
(g) Overall	10	-


Signature of the Participant



S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Basavapura, Ekta Nagar, K.R.Puram, Bangalore-560049

Students Feedback Form

5 days Workshop on "IOT with Raspberry pi"

8-11-2022 to 12-11-2022

Workshop Name: IOT with Raspberry pi Date: 12/11/2022

Name of the Institution (Where Seminar organized): SEA College of engineering and technology

Name of the Participant: D.N. Padmanand

Department: ECE

USN NO: 1SP22E002

Year and Semester: 3rd year 8th Sem

Address: No. 116 2nd cross opposite old Post office Road, Doddanekundi Bangalore - 37

Phone No: 6363777163 Mobile No: _____ e-mail ID: D.N.Padmanand14@gmail.com

> Write down the benefits got by attending this programme?

Due to this programme we could get know more about IOT and how IOT are used

> Any Notes or Content Material provided (Y/N): YES

> Does this workshop have brought any change in your understanding of the subject, skills and your attitude towards the learning?

Yes I have understood about Raspberry pi and skills to use it

> Have you found any innovative idea of making learning process from this workshop? Explain.

Yes I learnt to work with various sensors

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> Whether initiatives like this should be organized in the coming future or not? Give reason.

Yes these should be organized

> How do you plan to share the gained knowledge/skill with your friends who did not attend the workshop?

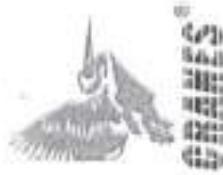
to by sharing my ~~own~~ Knowledge with my friends

> Kindly give rating to the different aspects of Workshop (Out of 10 marks)

Any Remarks

Particular	Marks Given	
(a) Course Content	10	
(b) Resource Persons	10	
(c) Presentations	10	
(d) Interactive Sessions	10	
(e) Reading Material	10	
(f) Basic Facilities	10	
(g) Overall	10	


Signature of the Participant



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Certificate

Ref. No.: A/W/S/872/22-23

This is to certify that Mr. / Ms. MANJUNATH B (RegNo:1SP19EC015)

of S.E.A. COLLEGE OF ENGG. & TECHNOLOGY

has successfully completed 5 days of workshop

on IOT with raspberry pi

Conducted from 8th November 2022 to 12th November 2022 at S.E.A - Bengaluru

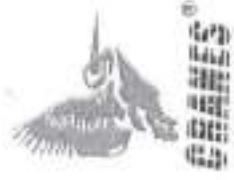
Abhishek K H

Training Manager


PRIN GIPAL
SEA College of Engineering & Technology
Kita Nagar, Basavanagudi, Virgonagal Post
BANGALORE - 560 049



Authorised Signatory



Cranes Varsity

(Subsidiary of Cranes Software International Limited)

"Where Technology Meets Excellence"

Certificate

Ref. No.: AWS/870/22-23

This is to certify that Mr. / Ms. LAVANYA K (RegNo:1SP19EC013)

of S.E.A. COLLEGE OF ENGG. & TECHNOLOGY

has successfully completed 5 days of workshop

on IOT with raspberry pi

Conducted from 8th November 2022 to 12th November 2022 At S.E.A - Bengaluru

Malayali A.K

Training Manager

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SEA College of Engineering & Technology
Eata Nagar, Basavanagudi, Virgonagar Post
BANGALORE - 560 019

Authorised Signatory

Malayali A.K